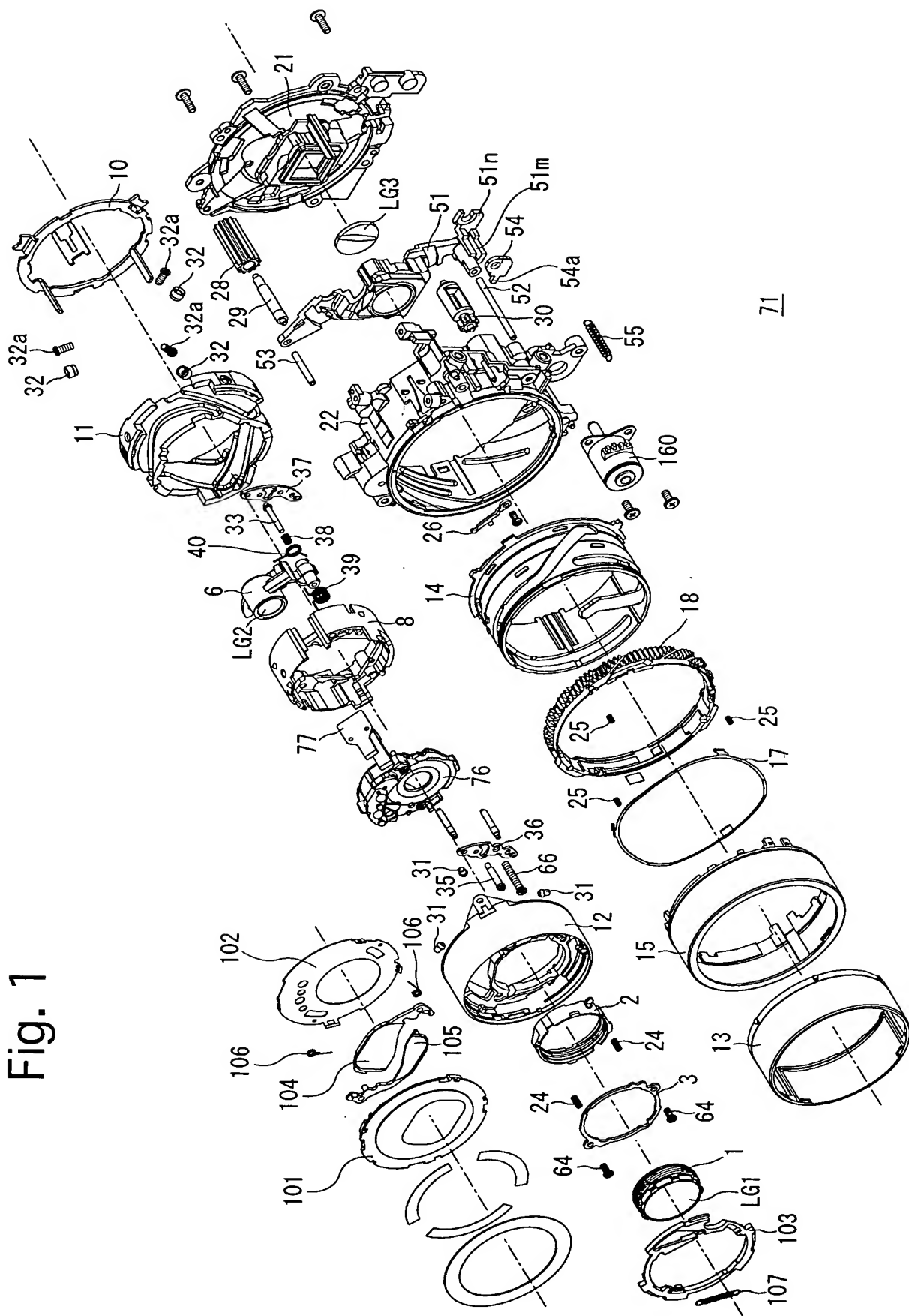


Fig. 1



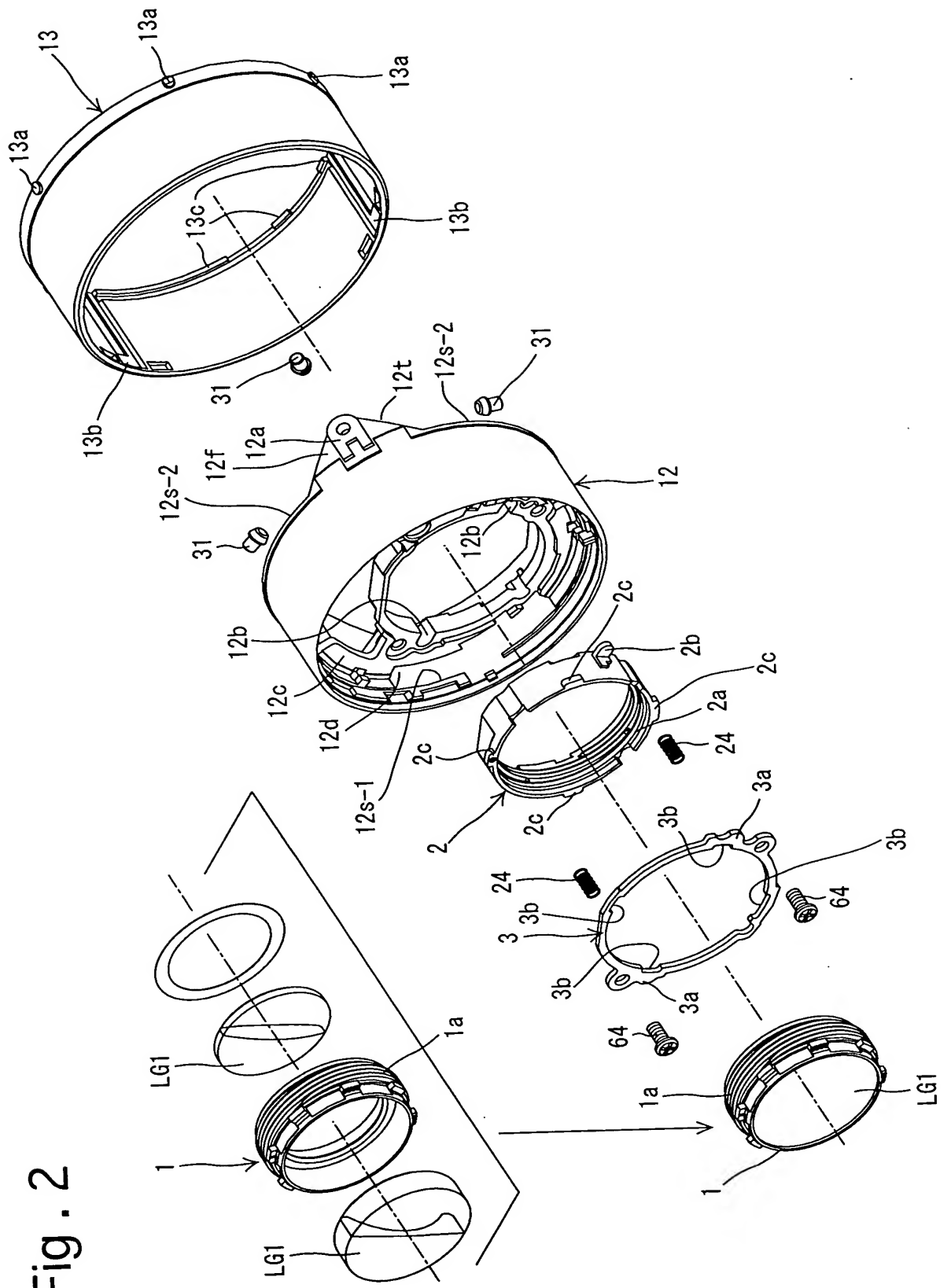
[illegible]

Fig. 3

This exploded perspective view illustrates the assembly of a mechanical device. The main components include a housing (10) with internal features like 10a, 10b, 10c, 10d, 10e, and 10f. A central assembly (11) is shown with parts 11a, 11b, 11c, 11d, 11e, 11f, 11g, 11h, 11i, 11j, 11k, 11l, 11m, 11n, 11o, 11p, 11q, 11r, 11s, 11t, 11u, 11v, 11w, 11x, 11y, 11z, 11aa, 11ab, 11ac, 11ad, 11ae, 11af, 11ag, 11ah, 11ai, 11aj, 11ak, 11al, 11am, 11an, 11ao, 11ap, 11aq, 11ar, 11as, 11at, 11au, 11av, 11aw, 11ax, 11ay, 11az, 11ba, 11bb, 11bc, 11bd, 11be, 11bf, 11bg, 11bh, 11bi, 11bj, 11bk, 11bl, 11bm, 11bn, 11bo, 11bp, 11bq, 11br, 11bs, 11bt, 11bu, 11bv, 11bw, 11bx, 11by, 11bz, 11ca, 11cb, 11cc, 11cd, 11ce, 11cf, 11cg, 11ch, 11ci, 11cj, 11ck, 11cl, 11cm, 11cn, 11co, 11cp, 11cq, 11cr, 11cs, 11ct, 11cu, 11cv, 11cw, 11cx, 11cy, 11cz, 11da, 11db, 11dc, 11dd, 11de, 11df, 11dg, 11dh, 11di, 11dj, 11dk, 11dl, 11dm, 11dn, 11do, 11dp, 11dq, 11dr, 11ds, 11dt, 11du, 11dv, 11dw, 11dx, 11dy, 11dz, 11ea, 11eb, 11ec, 11ed, 11ee, 11ef, 11eg, 11eh, 11ei, 11ej, 11ek, 11el, 11em, 11en, 11eo, 11ep, 11eq, 11er, 11es, 11et, 11eu, 11ev, 11ew, 11ex, 11ey, 11ez, 11fa, 11fb, 11fc, 11fd, 11fe, 11ff, 11fg, 11fh, 11fi, 11fj, 11fk, 11fl, 11fm, 11fn, 11fo, 11fp, 11fq, 11fr, 11fs, 11ft, 11fu, 11fv, 11fw, 11fx, 11fy, 11fz, 11ga, 11gb, 11gc, 11gd, 11ge, 11gf, 11gh, 11gi, 11gj, 11gk, 11gl, 11gm, 11gn, 11go, 11gp, 11gq, 11gr, 11gs, 11gt, 11gu, 11gv, 11gw, 11gx, 11gy, 11gz, 11ha, 11hb, 11hc, 11hd, 11he, 11hf, 11hg, 11hh, 11hi, 11hj, 11hk, 11hl, 11hm, 11hn, 11ho, 11hp, 11hq, 11hr, 11hs, 11ht, 11hu, 11hv, 11hw, 11hx, 11hy, 11hz, 11ia, 11ib, 11ic, 11id, 11ie, 11if, 11ig, 11ih, 11ii, 11ij, 11ik, 11il, 11im, 11in, 11io, 11ip, 11iq, 11ir, 11is, 11it, 11iu, 11iv, 11iw, 11ix, 11iy, 11iz, 11ja, 11jb, 11jc, 11jd, 11je, 11jf, 11jg, 11jh, 11ji, 11jj, 11jk, 11jl, 11jm, 11jn, 11jo, 11jp, 11jq, 11jr, 11js, 11jt, 11ju, 11jv, 11jw, 11jx, 11jy, 11jz, 11ka, 11kb, 11kc, 11kd, 11ke, 11kf, 11kg, 11kh, 11ki, 11kj, 11kk, 11kl, 11km, 11kn, 11ko, 11kp, 11kq, 11kr, 11ks, 11kt, 11ku, 11kv, 11kw, 11kx, 11ky, 11kz, 11la, 11lb, 11lc, 11ld, 11le, 11lf, 11lg, 11lh, 11li, 11lj, 11lk, 11ll, 11lm, 11ln, 11lo, 11lp, 11lq, 11lr, 11ls, 11lt, 11lu, 11lv, 11lw, 11lx, 11ly, 11lz, 11ma, 11mb, 11mc, 11md, 11me, 11mf, 11mg, 11mh, 11mi, 11mj, 11mk, 11ml, 11mm, 11mn, 11mo, 11mp, 11mq, 11mr, 11ms, 11mt, 11mu, 11mv, 11mw, 11mx, 11my, 11mz, 11na, 11nb, 11nc, 11nd, 11ne, 11nf, 11ng, 11nh, 11ni, 11nj, 11nk, 11nl, 11nm, 11nn, 11no, 11np, 11nq, 11nr, 11ns, 11nt, 11nu, 11nv, 11nw, 11nx, 11ny, 11nz, 11oa, 11ob, 11oc, 11od, 11oe, 11of, 11og, 11oh, 11oi, 11oj, 11ok, 11ol, 11om, 11on, 11oo, 11op, 11oq, 11or, 11os, 11ot, 11ou, 11ov, 11ow, 11ox, 11oy, 11oz, 11pa, 11pb, 11pc, 11pd, 11pe, 11pf, 11pg, 11ph, 11pi, 11pj, 11pk, 11pl, 11pm, 11pn, 11po, 11pp, 11pq, 11pr, 11ps, 11pt, 11pu, 11pv, 11pw, 11px, 11py, 11pz, 11qa, 11qb, 11qc, 11qd, 11qe, 11qf, 11qg, 11qh, 11qi, 11qj, 11qk, 11ql, 11qm, 11qn, 11qo, 11qp, 11qq, 11qr, 11qs, 11qt, 11qu, 11qv, 11qw, 11qx, 11qy, 11qz, 11ra, 11rb, 11rc, 11rd, 11re, 11rf, 11rg, 11rh, 11ri, 11rj, 11rk, 11rl, 11rm, 11rn, 11ro, 11rp, 11rq, 11rr, 11rs, 11rt, 11ru, 11rv, 11rw, 11rx, 11ry, 11rz, 11sa, 11sb, 11sc, 11sd, 11se, 11sf, 11sg, 11sh, 11si, 11sj, 11sk, 11sl, 11sm, 11sn, 11so, 11sp, 11sq, 11sr, 11ss, 11st, 11su, 11sv, 11sw, 11sx, 11sy, 11sz, 11ta, 11tb, 11tc, 11td, 11te, 11tf, 11tg, 11th, 11ti, 11tj, 11tk, 11tl, 11tm, 11tn, 11to, 11tp, 11tq, 11tr, 11ts, 11tt, 11tu, 11tv, 11tw, 11tx, 11ty, 11tz, 11ua, 11ub, 11uc, 11ud, 11ue, 11uf, 11ug, 11uh, 11ui, 11uj, 11uk, 11ul, 11um, 11un, 11uo, 11up, 11uq, 11ur, 11us, 11ut, 11uu, 11uv, 11uw, 11ux, 11uy, 11uz, 11va, 11vb, 11vc, 11vd, 11ve, 11vf, 11vg, 11vh, 11vi, 11vj, 11vk, 11vl, 11vm, 11vn, 11vo, 11vp, 11vq, 11vr, 11vs, 11vt, 11vu, 11vv, 11vw, 11vx, 11vy, 11vz, 11wa, 11wb, 11wc, 11wd, 11we, 11wf, 11wg, 11wh, 11wi, 11wj, 11wk, 11wl, 11wm, 11wn, 11wo, 11wp, 11wq, 11wr, 11ws, 11wt, 11wu, 11wv, 11ww, 11wx, 11wy, 11wz, 11xa, 11xb, 11xc, 11xd, 11xe, 11xf, 11xg, 11xh, 11xi, 11xj, 11xk, 11xl, 11xm, 11xn, 11xo, 11xp, 11xq, 11xr, 11xs, 11xt, 11xu, 11xv, 11xw, 11xx, 11xy, 11xz, 11ya, 11yb, 11yc, 11yd, 11ye, 11yf, 11yg, 11yh, 11yi, 11yj, 11yk, 11yl, 11ym, 11yn, 11yo, 11yp, 11yq, 11yr, 11ys, 11yt, 11yu, 11yv, 11yw, 11yx, 11yy, 11yz, 11za, 11zb, 11zc, 11zd, 11ze, 11zf, 11zg, 11zh, 11zi, 11zj, 11zk, 11zl, 11zm, 11zn, 11zo, 11zp, 11zq, 11zr, 11zs, 11zt, 11zu, 11zv, 11zw, 11zx, 11zy, 11zz, 11aa, 11ab, 11ac, 11ad, 11ae, 11af, 11ag, 11ah, 11ai, 11aj, 11ak, 11al, 11am, 11an, 11ao, 11ap, 11aq, 11ar, 11as, 11at, 11au, 11av, 11aw, 11ax, 11ay, 11az, 11ba, 11bb, 11bc, 11bd, 11be, 11bf, 11bg, 11bh, 11bi, 11bj, 11bk, 11bl, 11bm, 11bn, 11bo, 11bp, 11bq, 11br, 11bs, 11bt, 11bu, 11bv, 11bw, 11bx, 11by, 11bz, 11ca, 11cb, 11cc, 11cd, 11ce, 11cf, 11cg, 11ch, 11ci, 11cj, 11ck, 11cl, 11cm, 11cn, 11co, 11cp, 11cq, 11cr, 11cs, 11ct, 11cu, 11cv, 11cw, 11cx, 11cy, 11cz, 11da, 11db, 11dc, 11dd, 11de, 11df, 11dg, 11dh, 11di, 11dj, 11dk, 11dl,

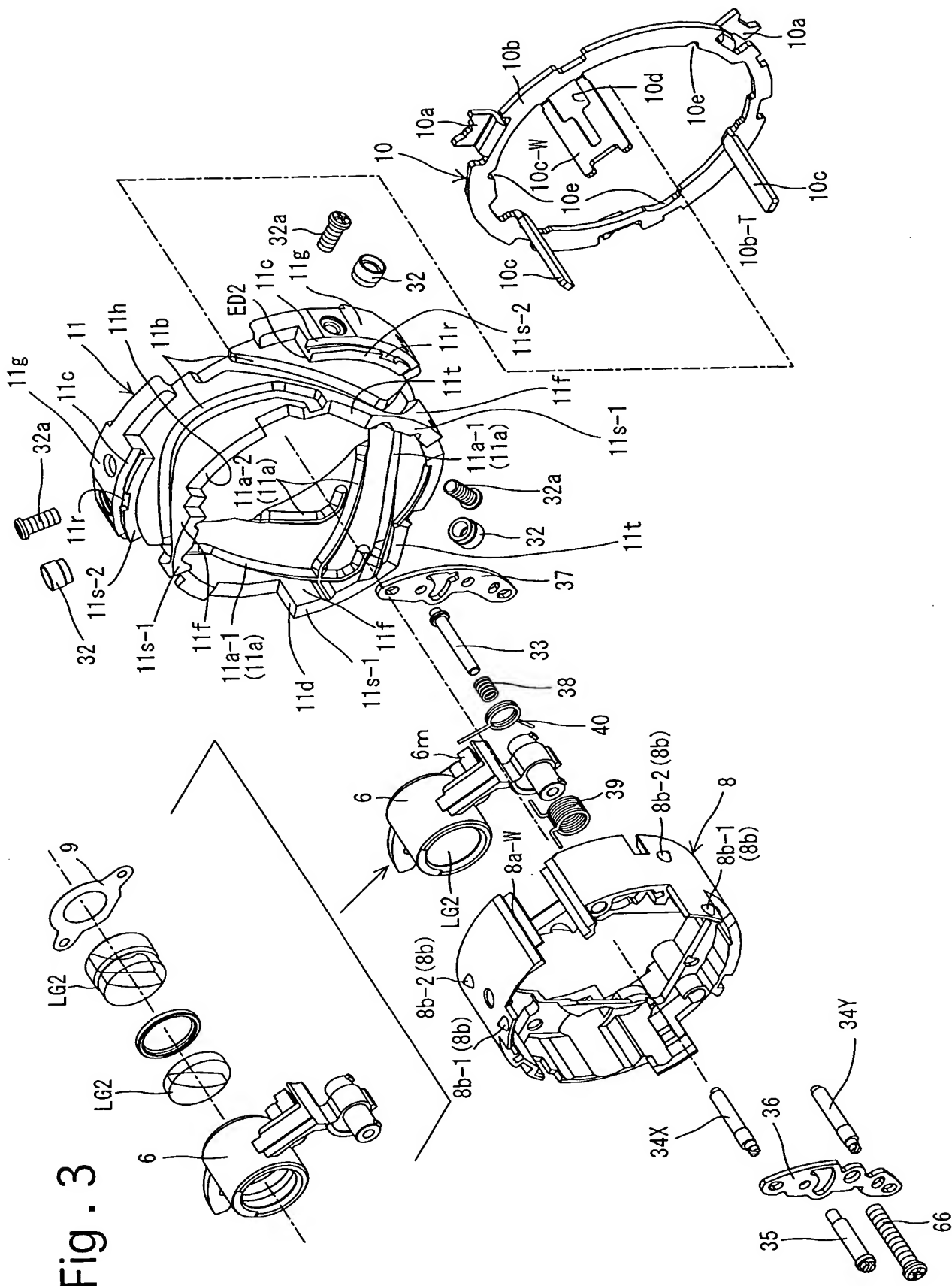


Fig. 4

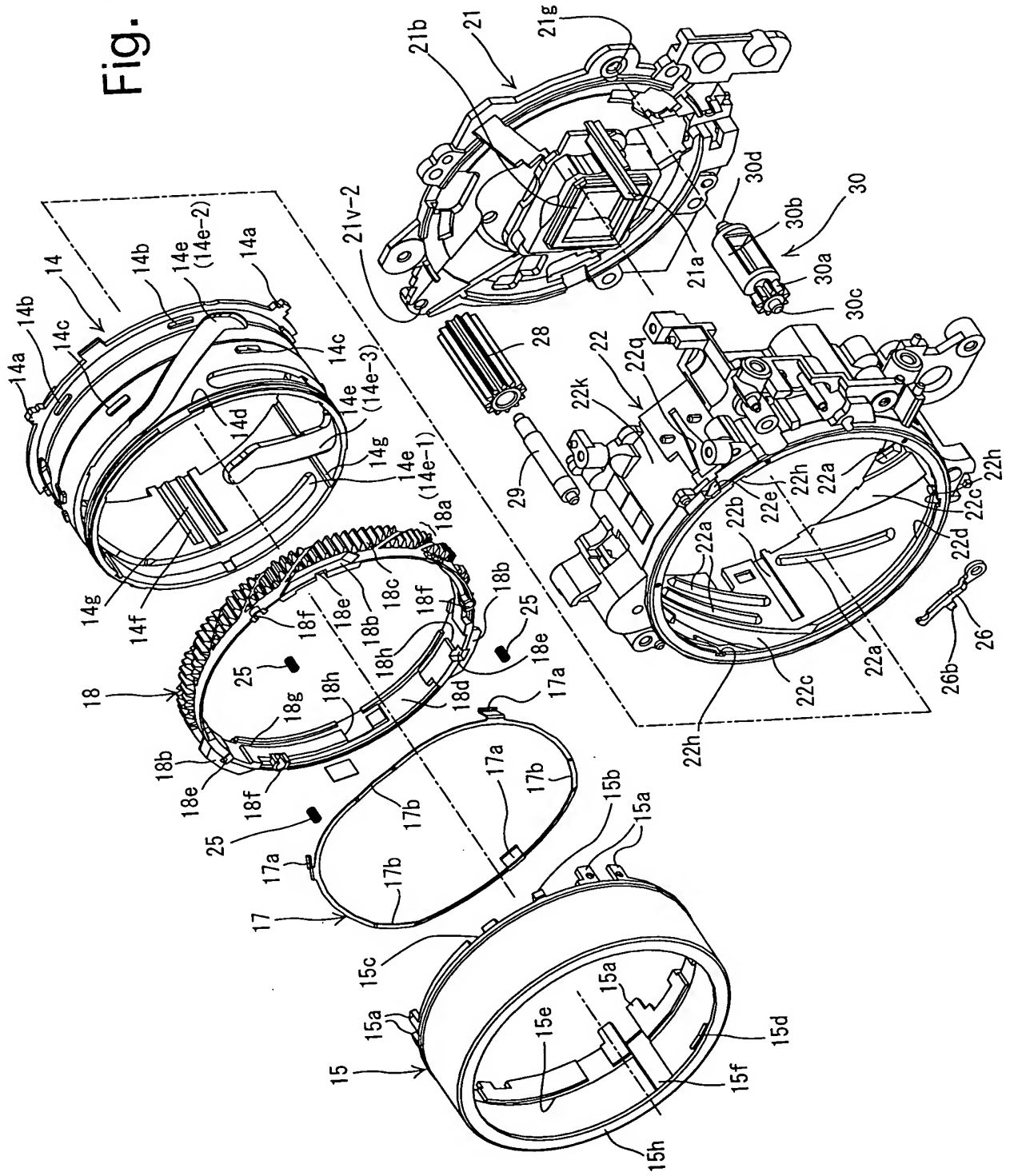


Fig. 5

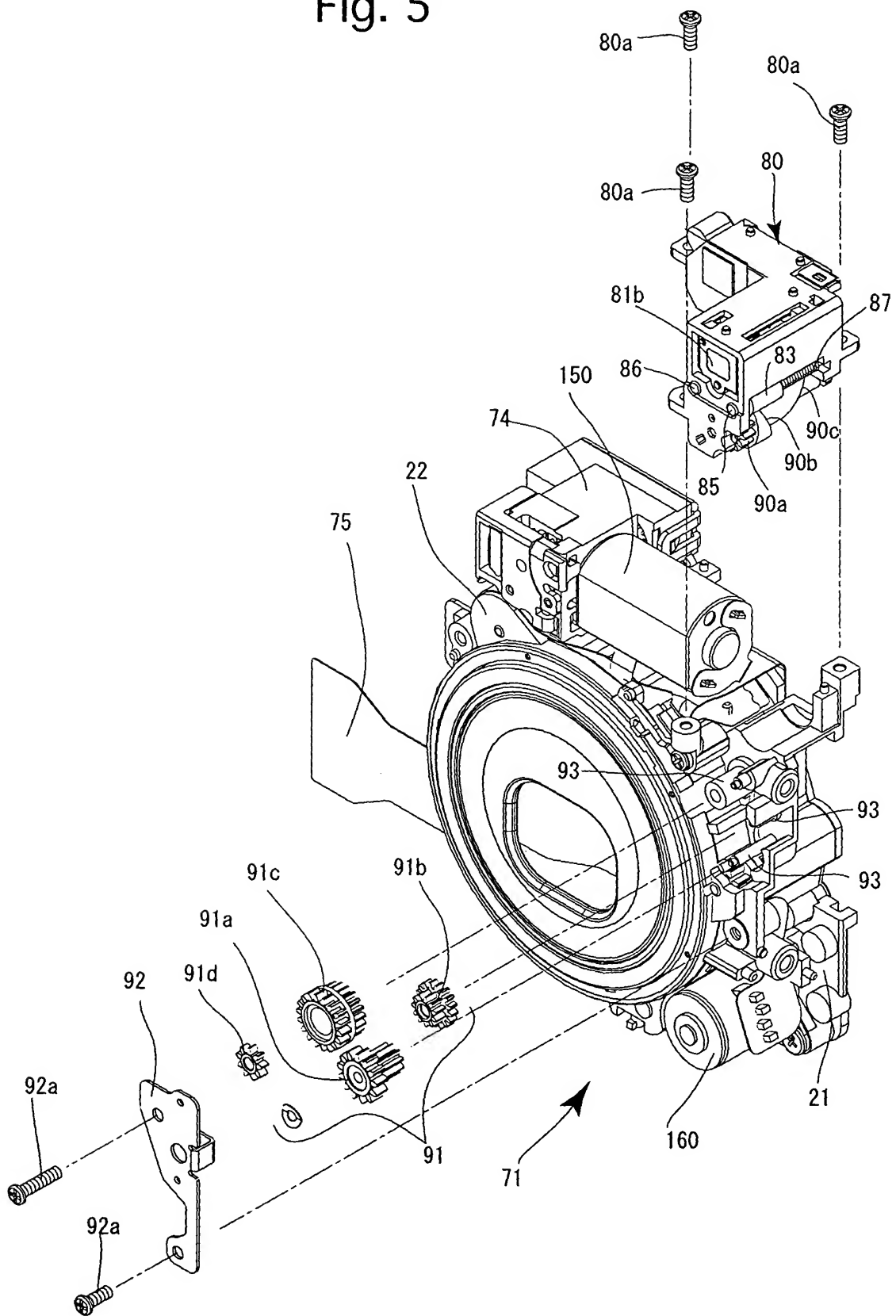


Fig. 6

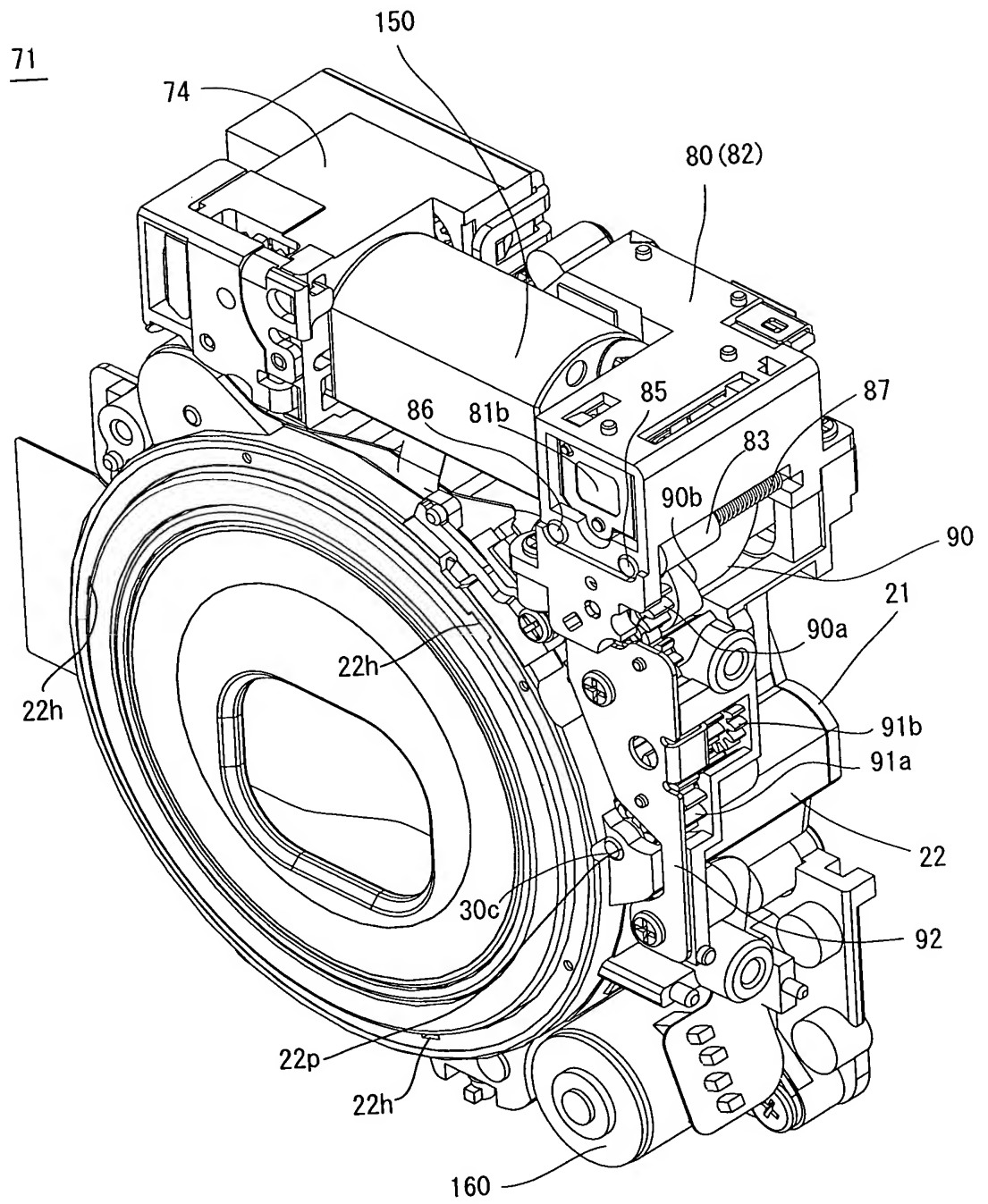


Fig. 7

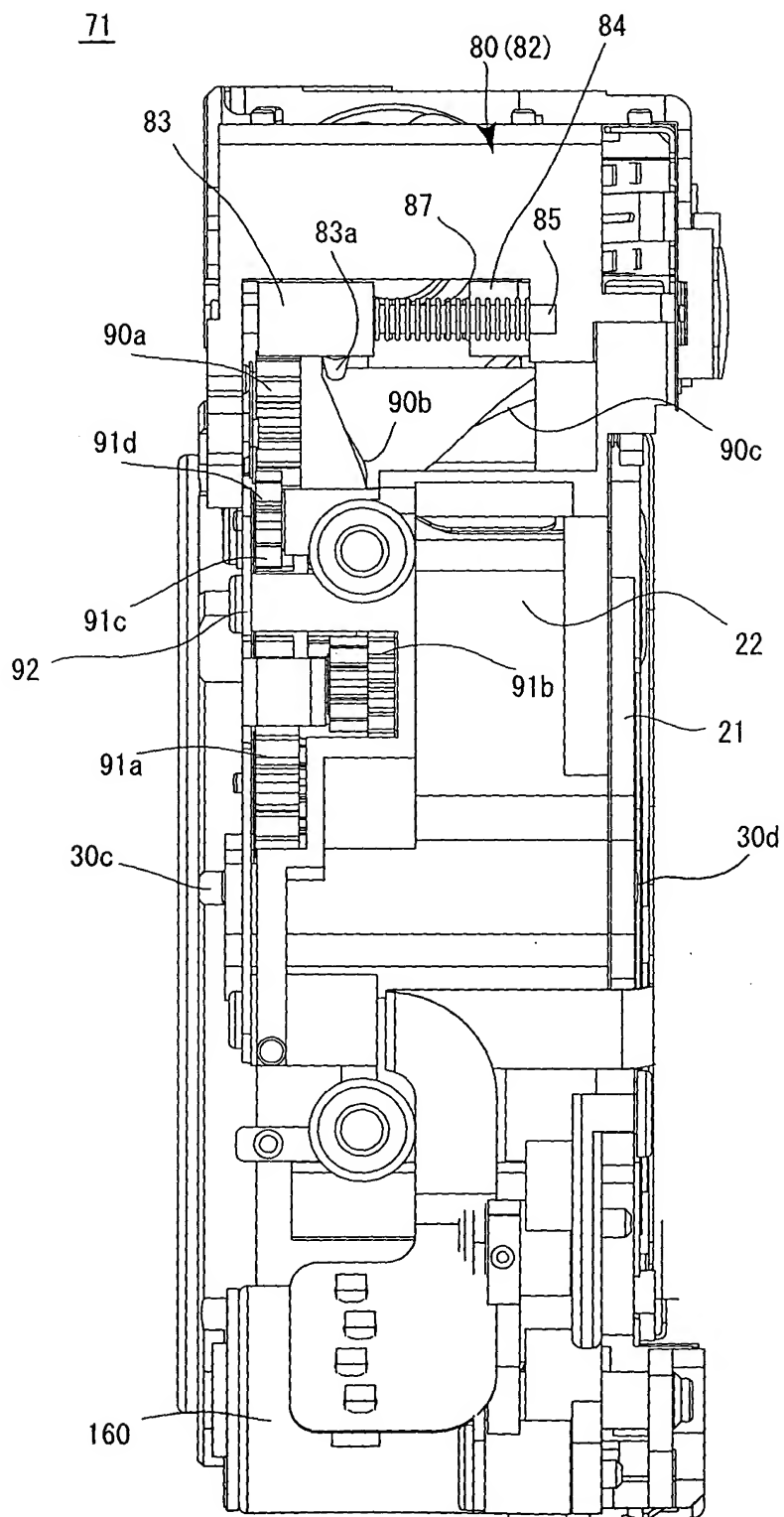


Fig. 8

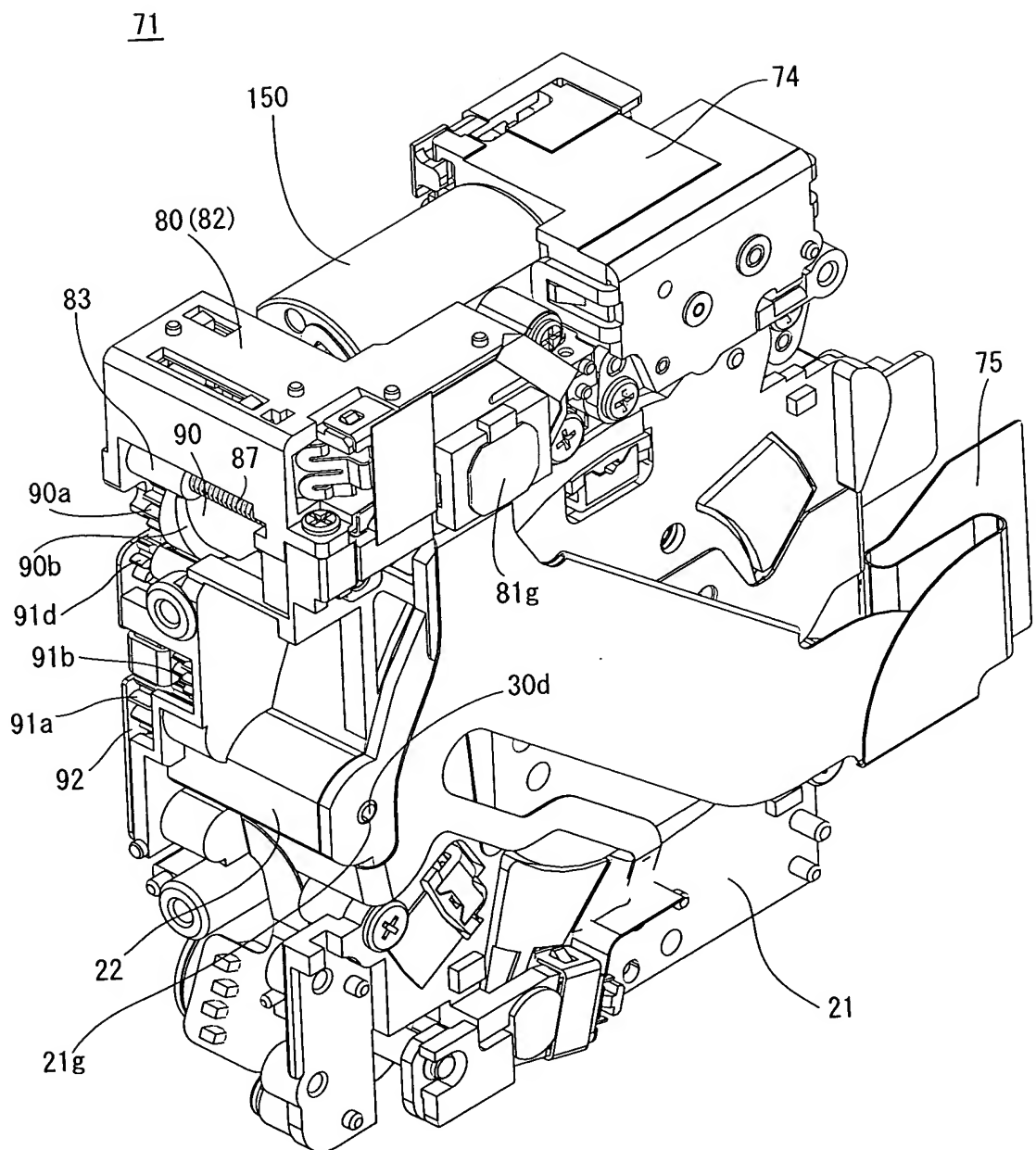


Fig. 9

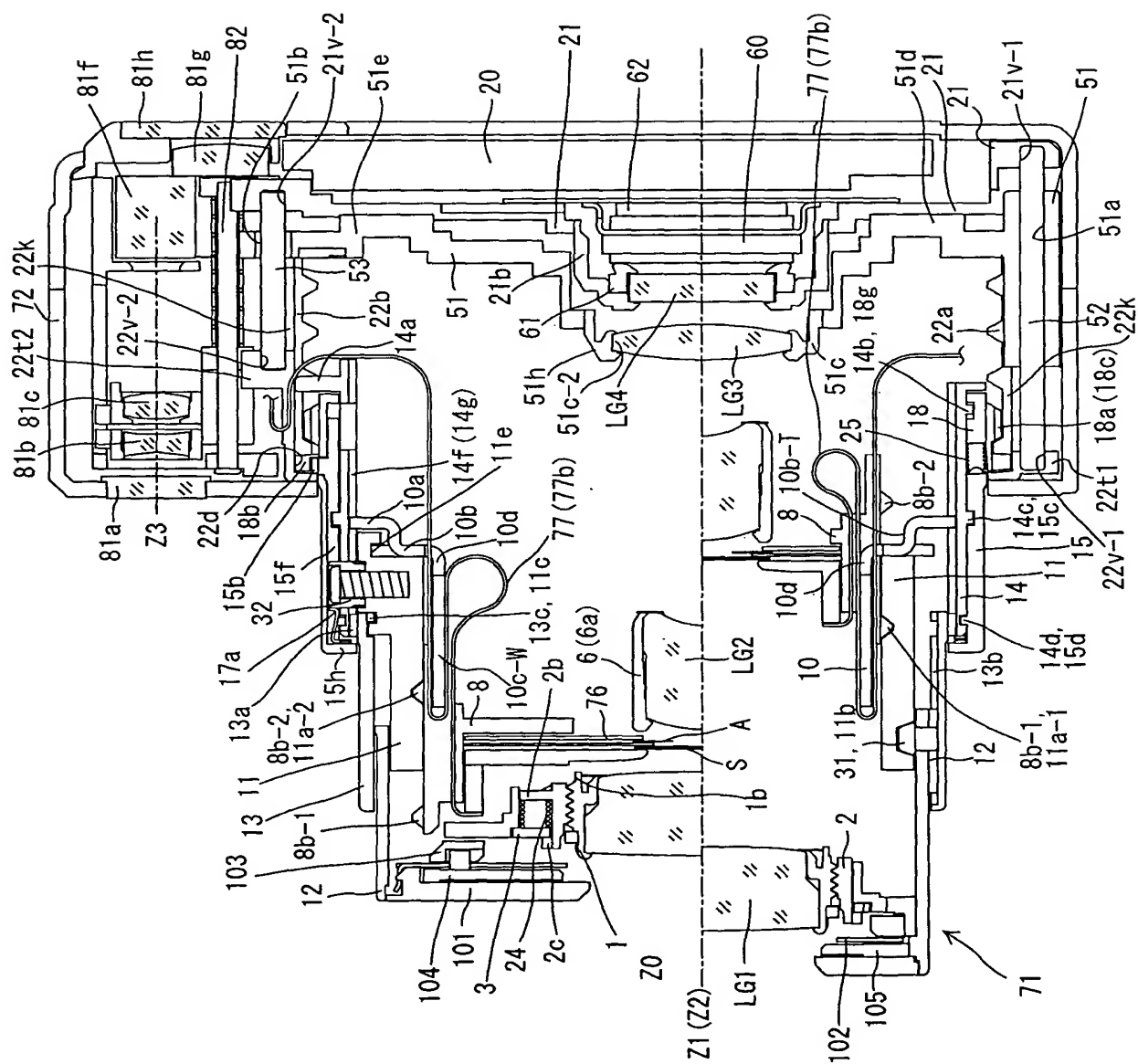


Fig. 10

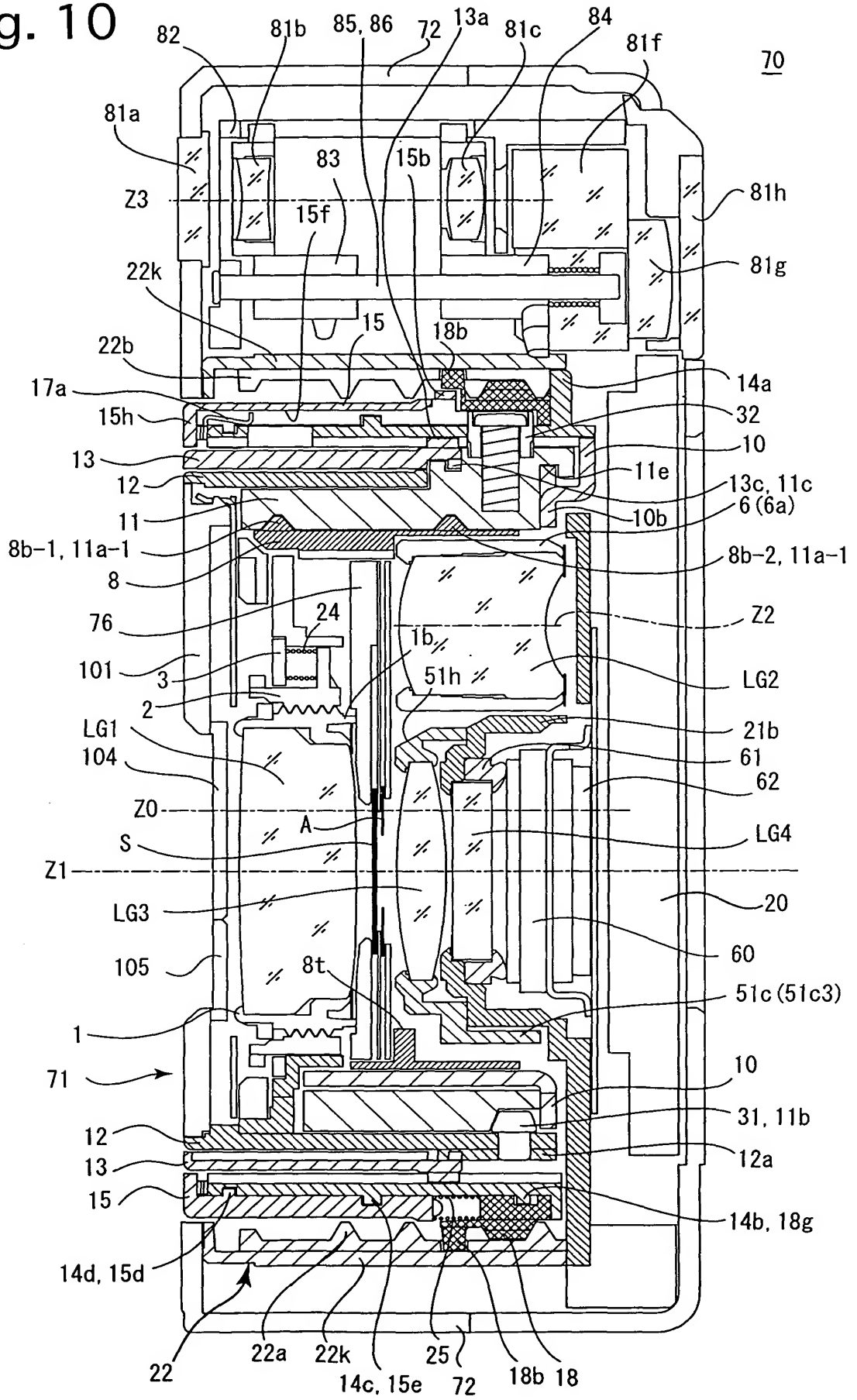


Fig. 11

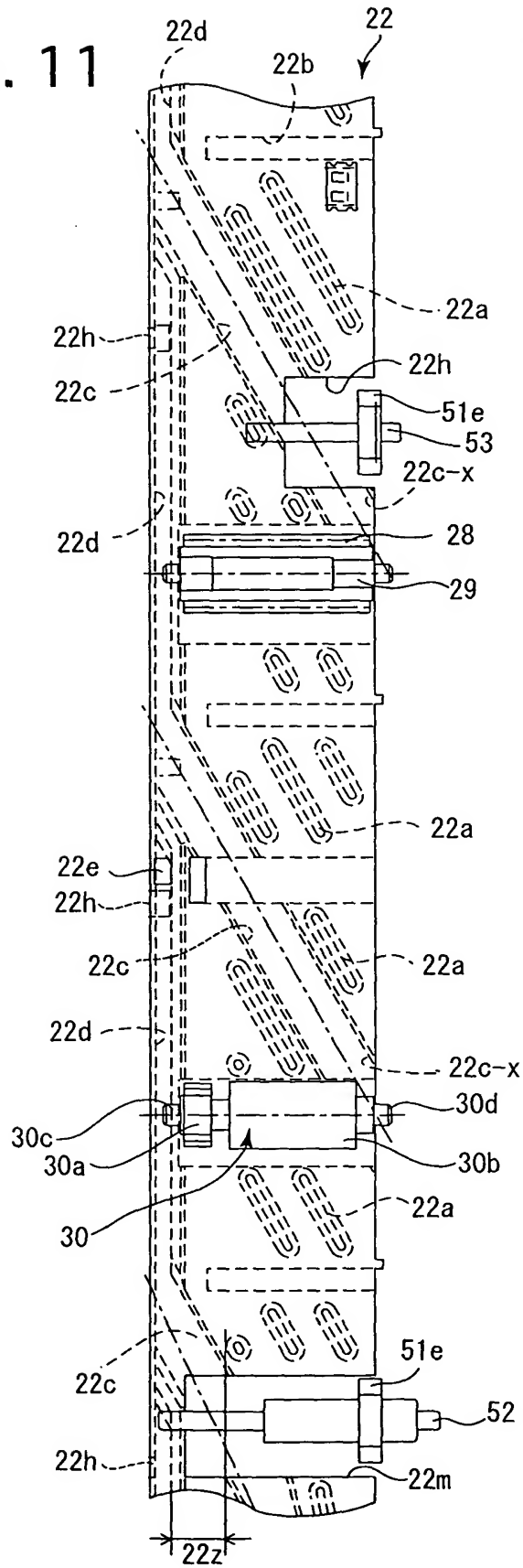


Fig. 12

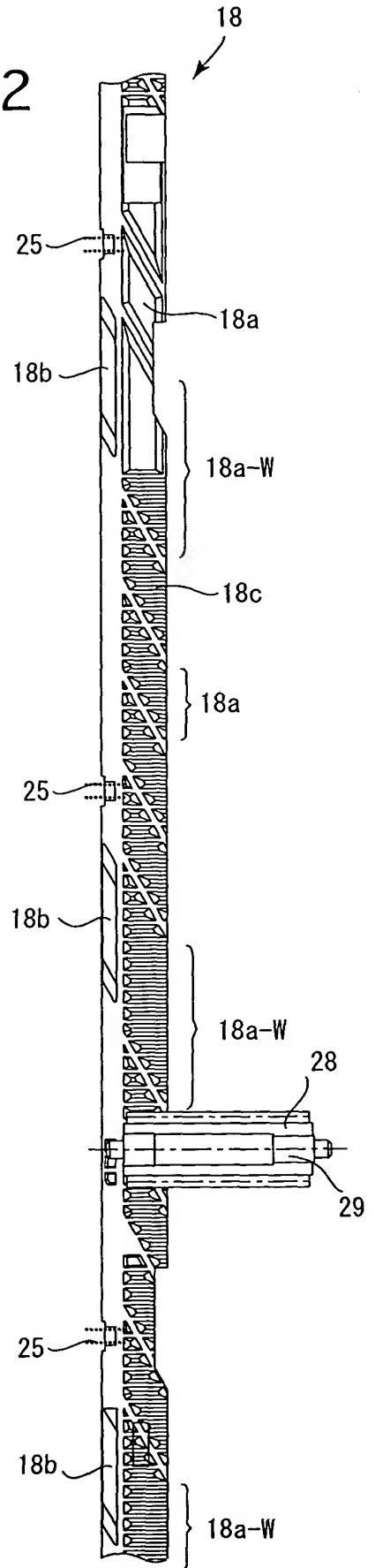


Fig. 13

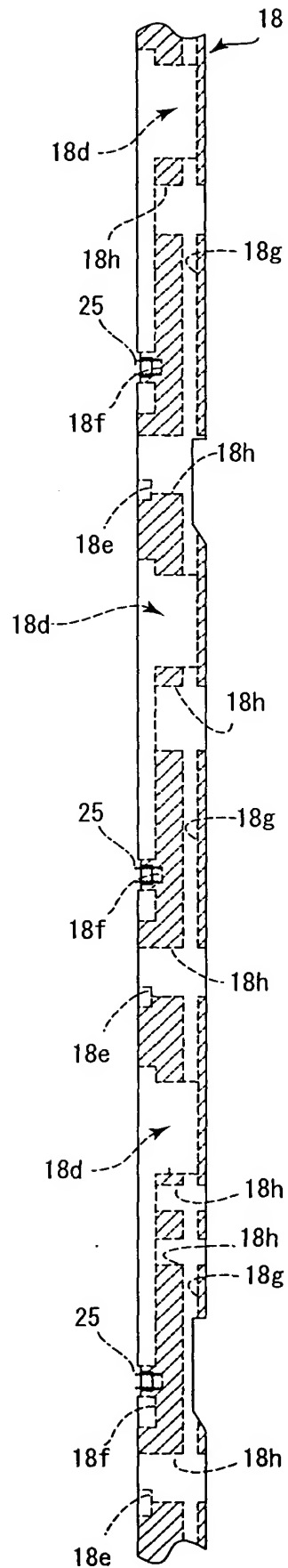


Fig. 14

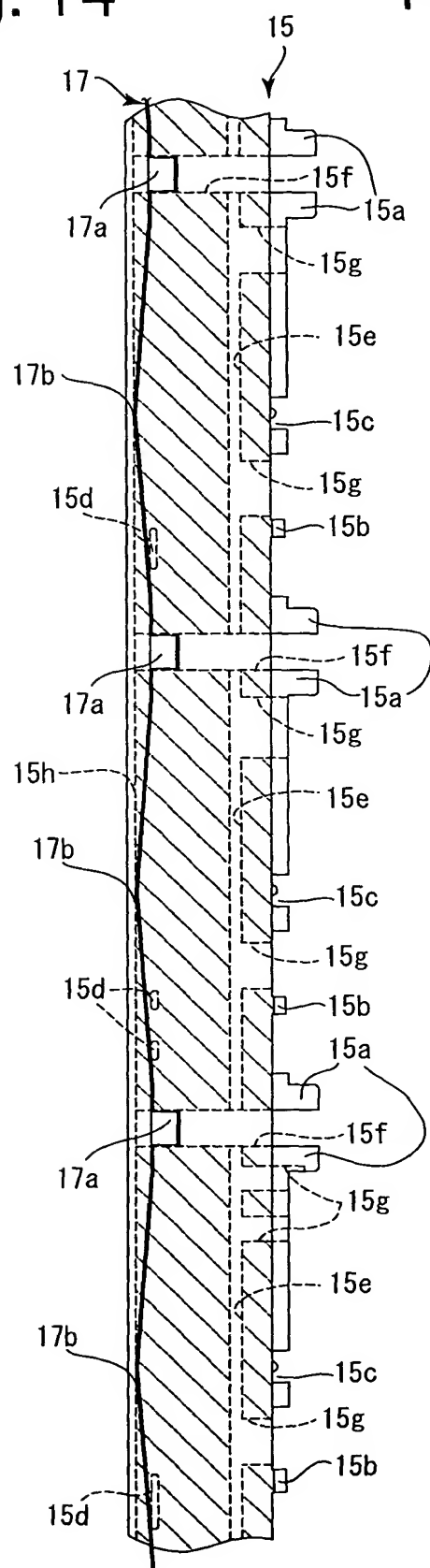


Fig. 15

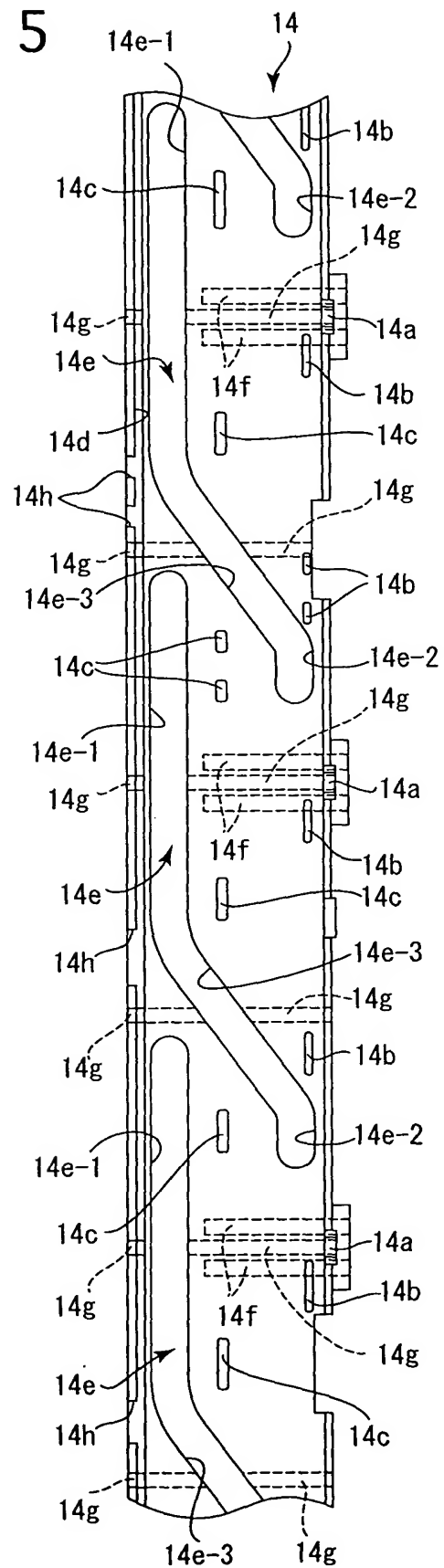


Fig. 16

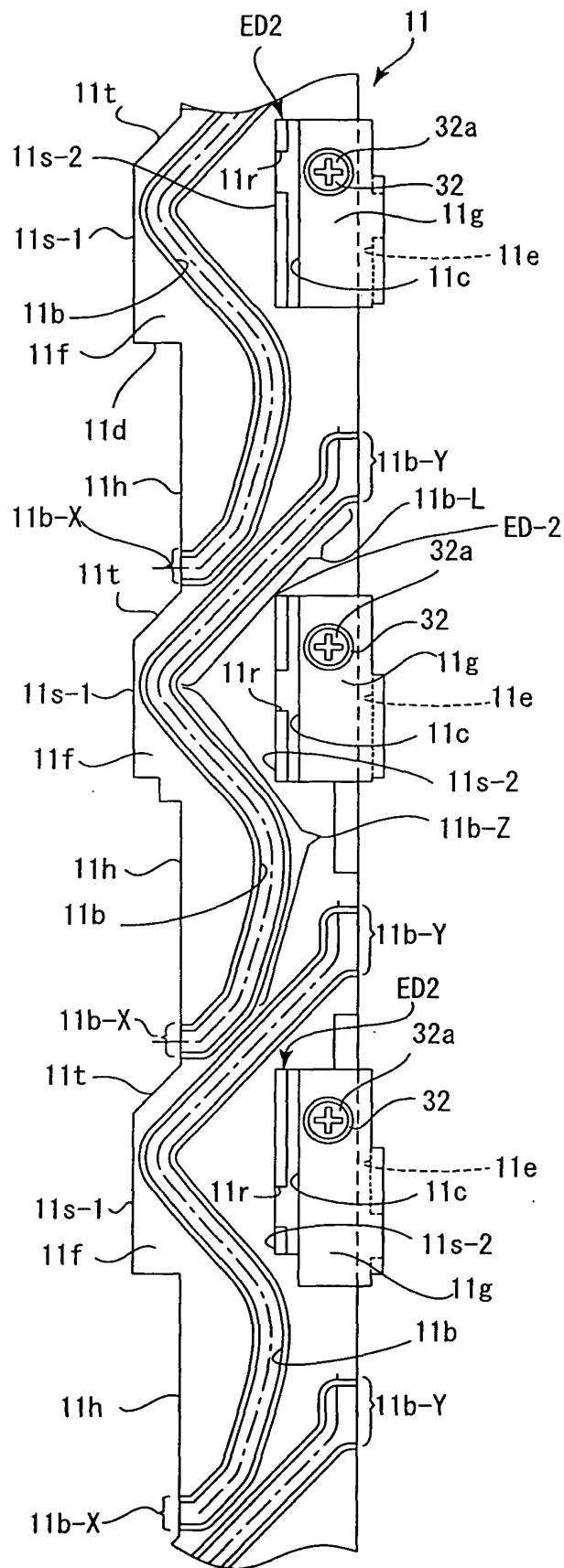


Fig. 17

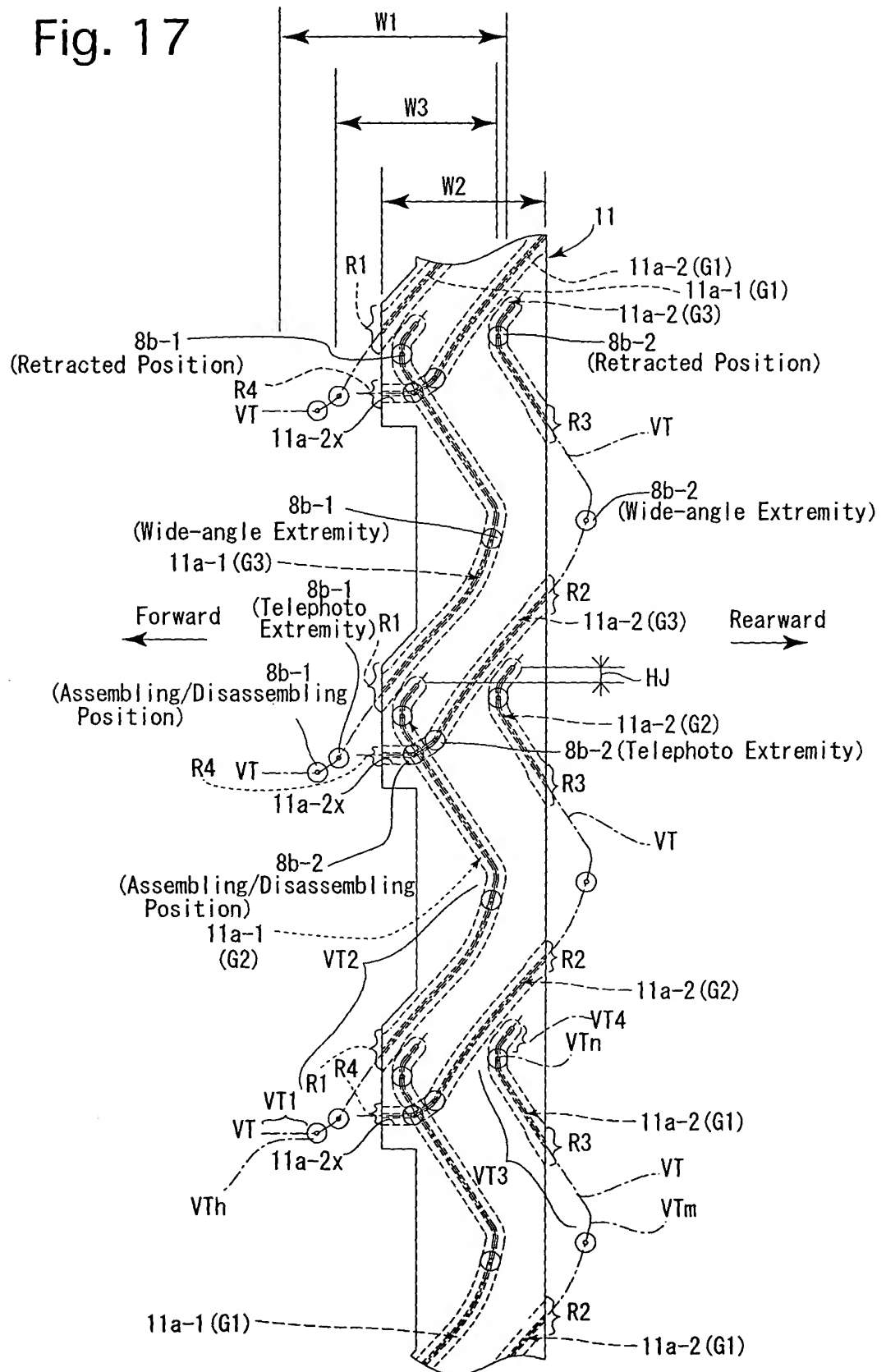


Fig . 19

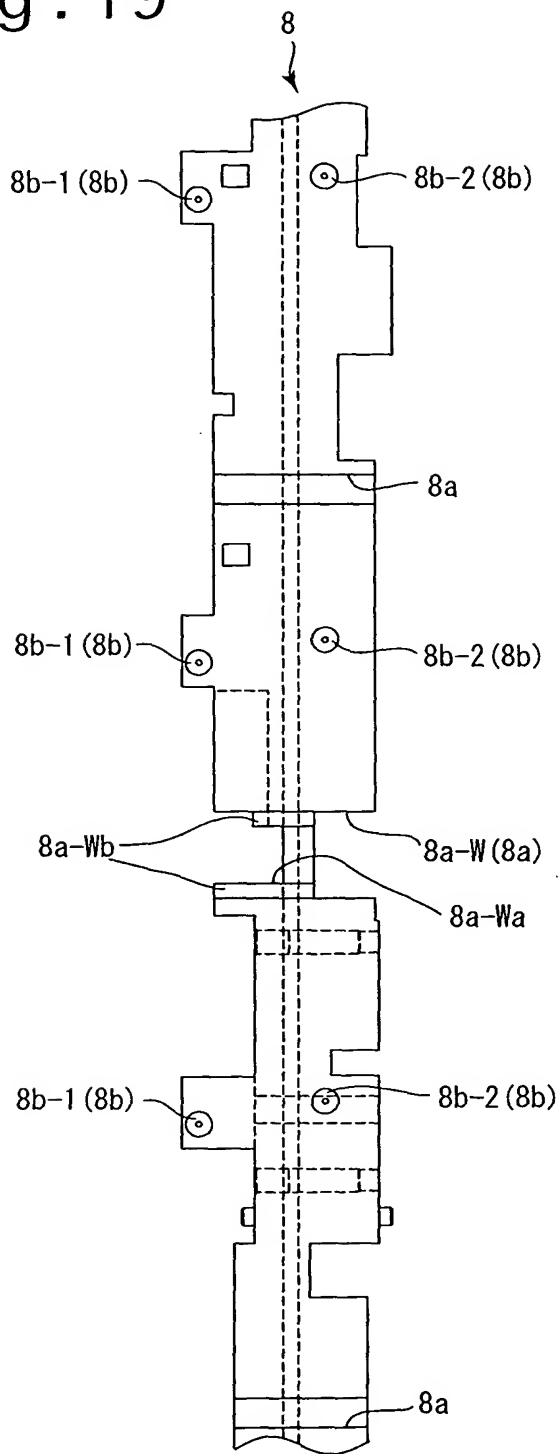


Fig . 18

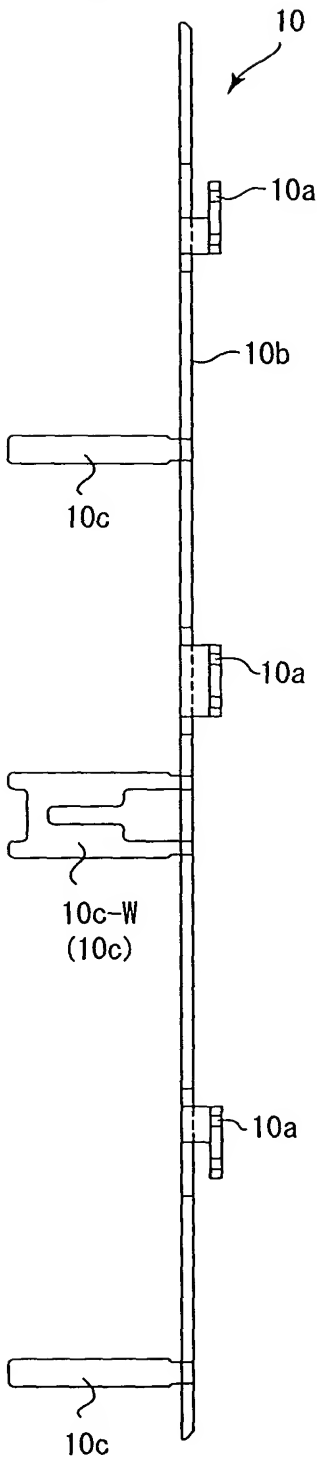


Fig. 20

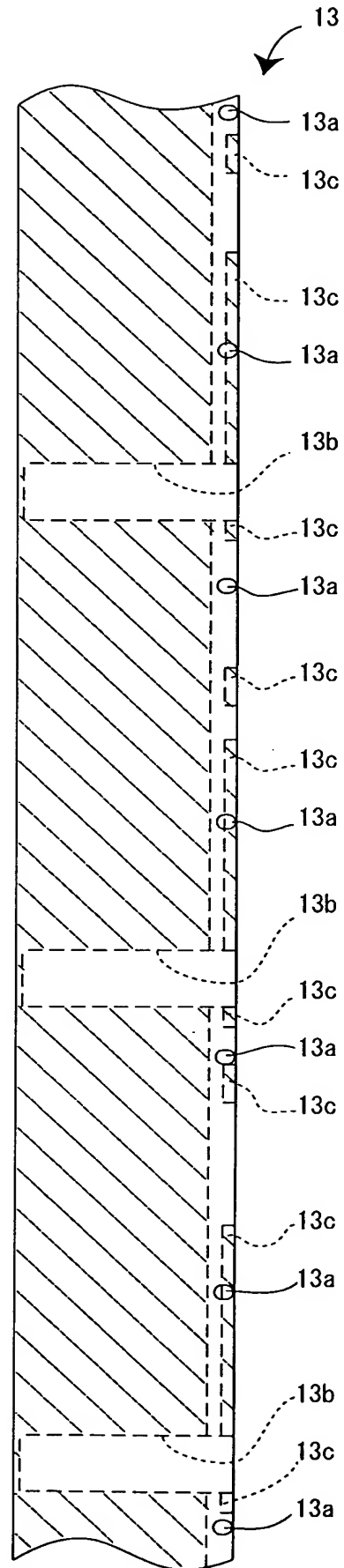


Fig. 21

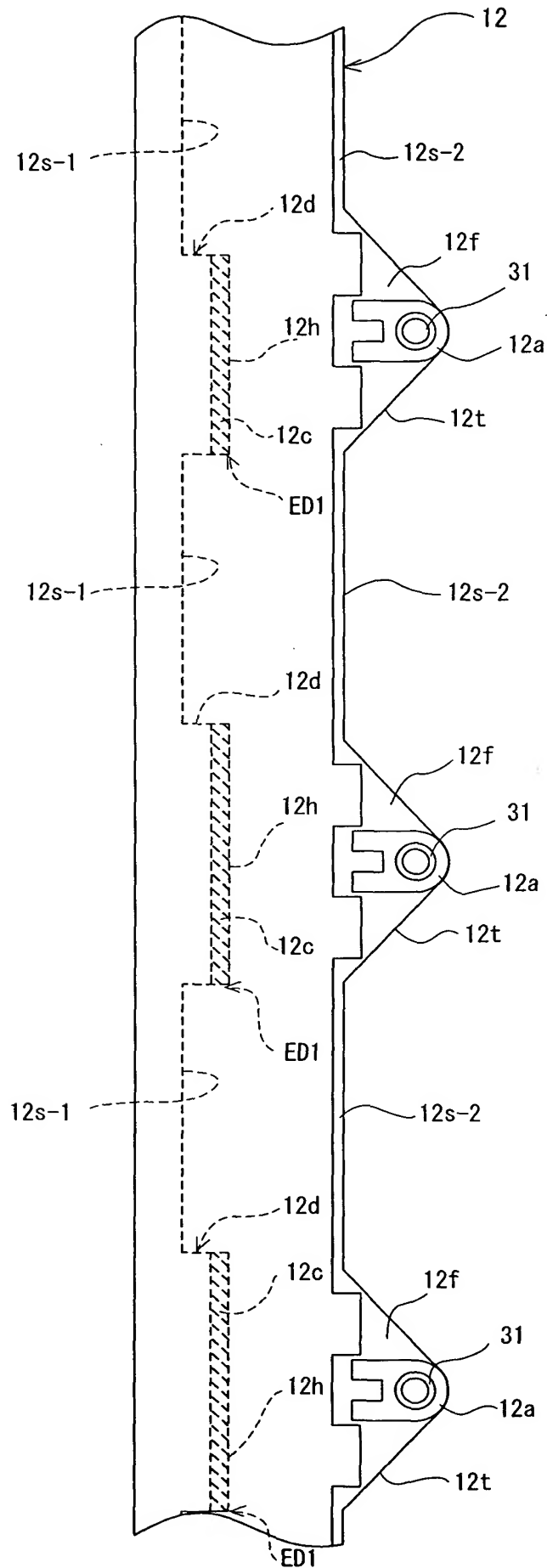


Fig. 22

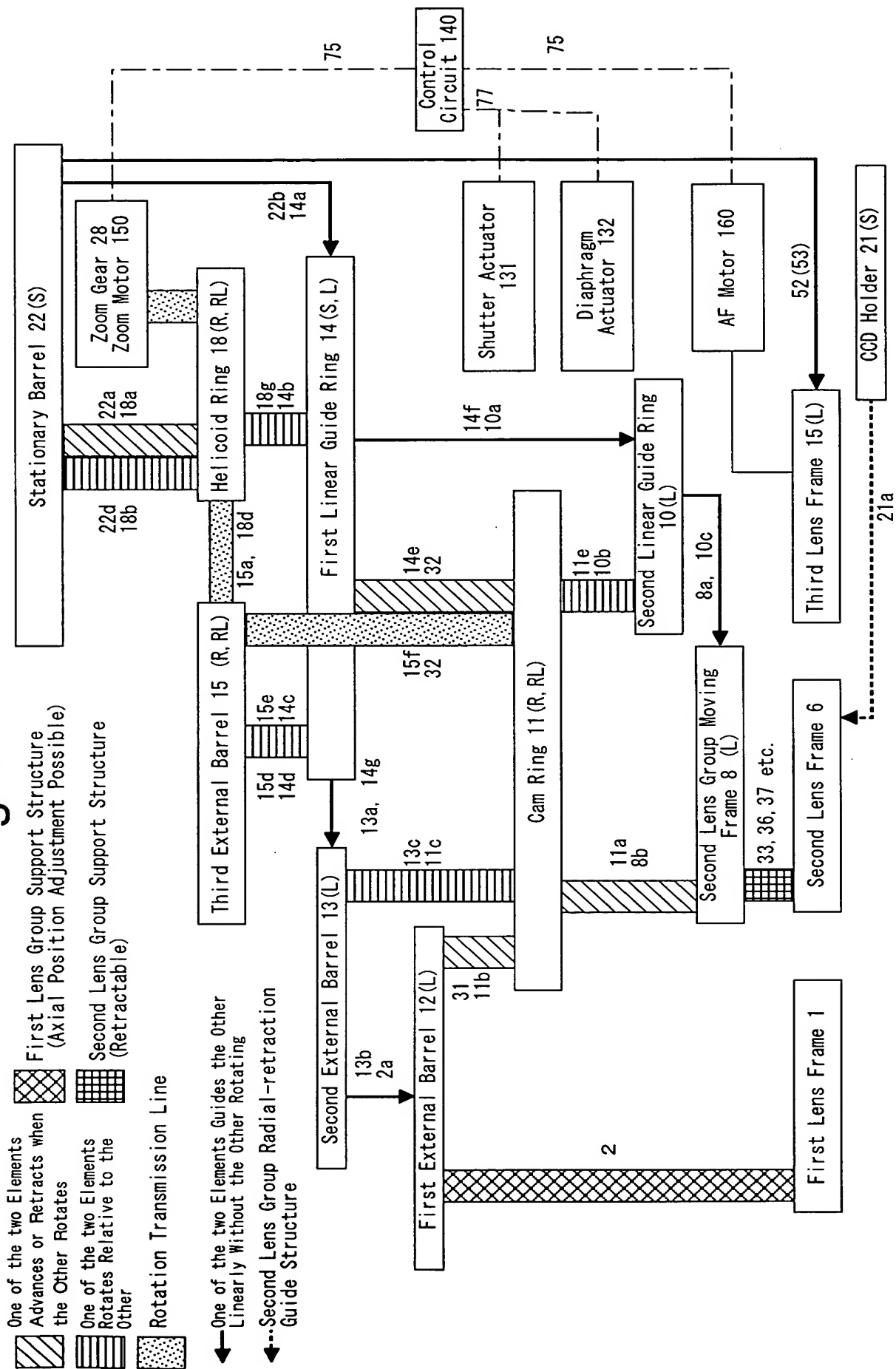


Fig. 23

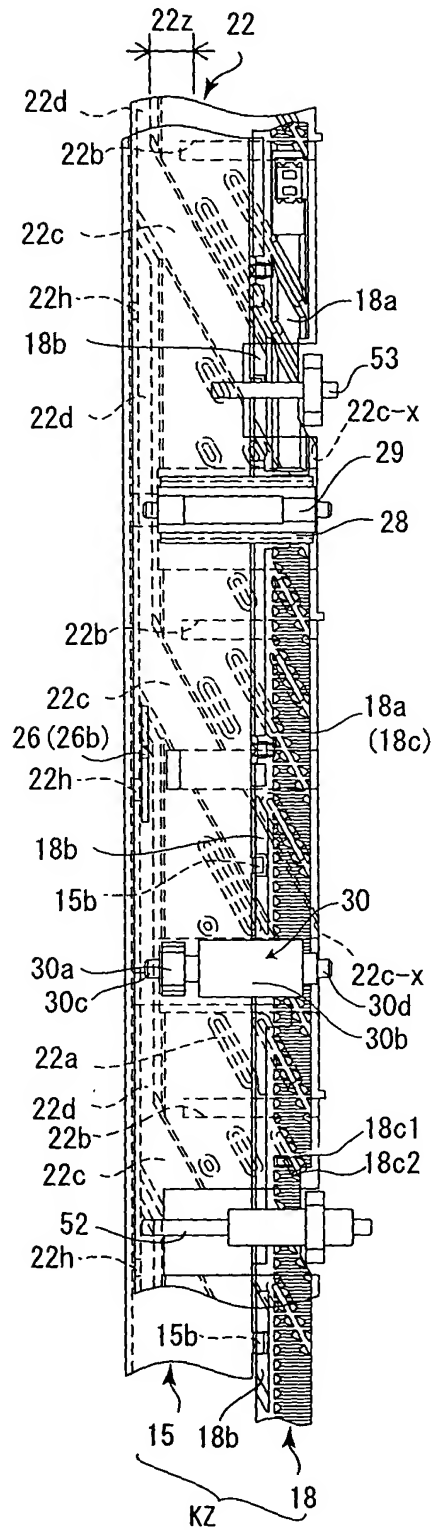


Fig. 24

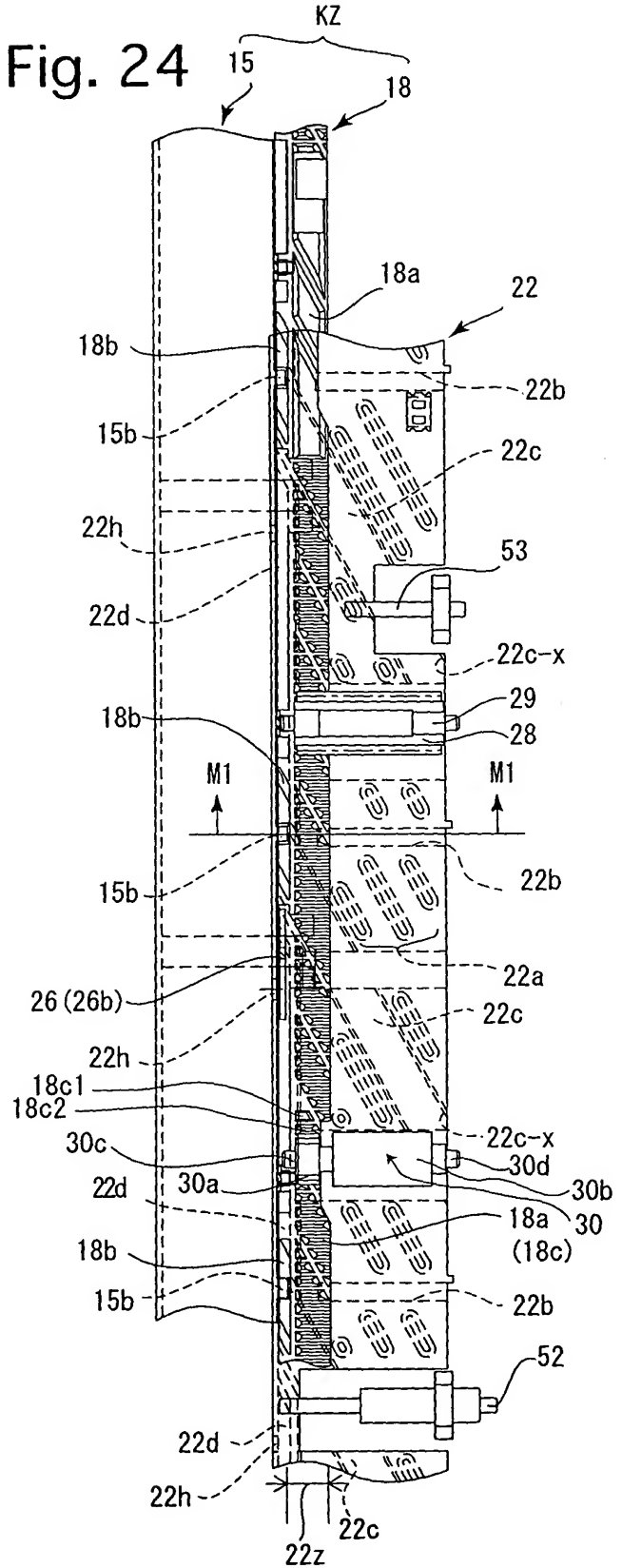


Fig. 25

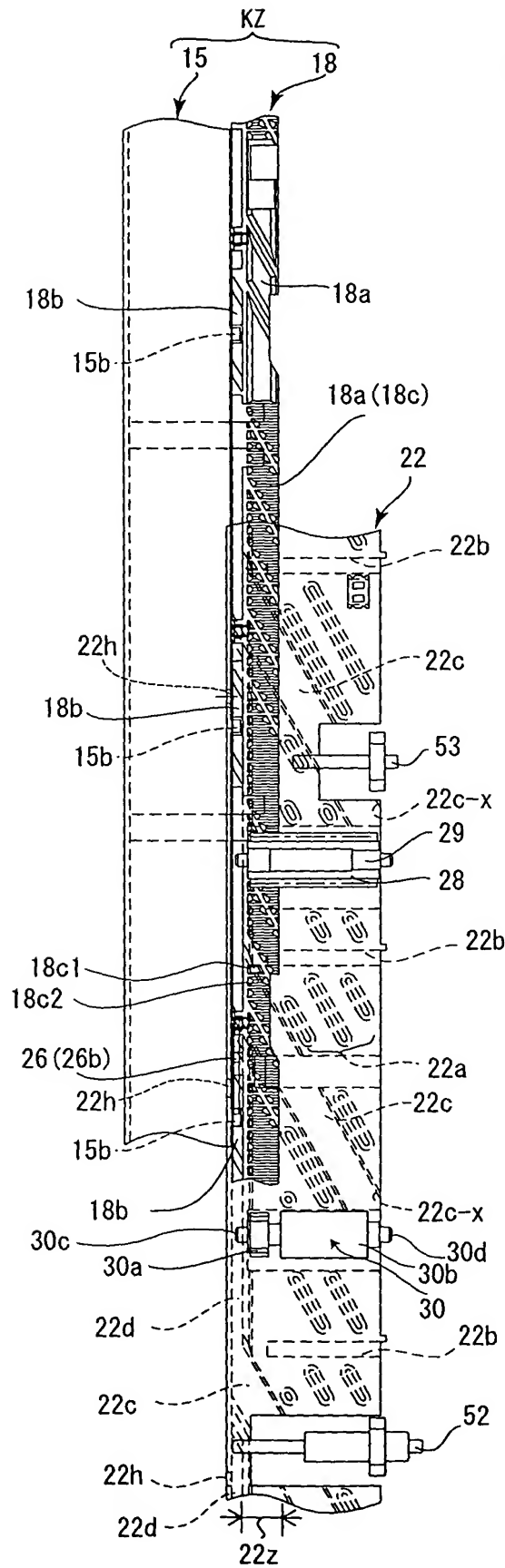


Fig. 26

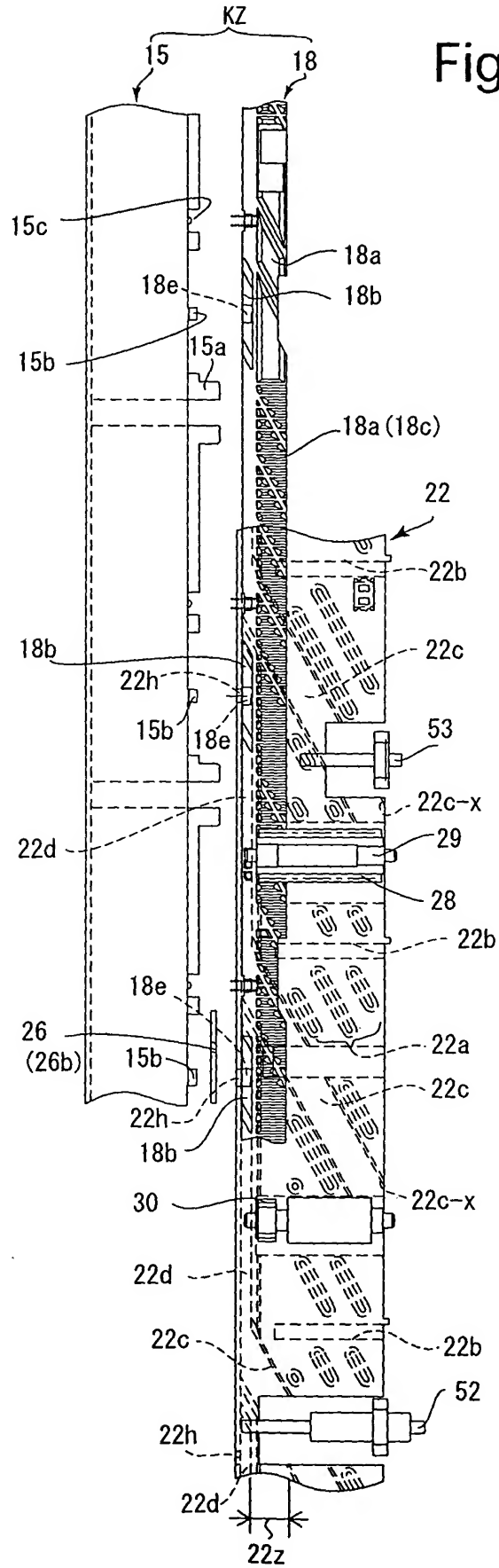


Fig. 27

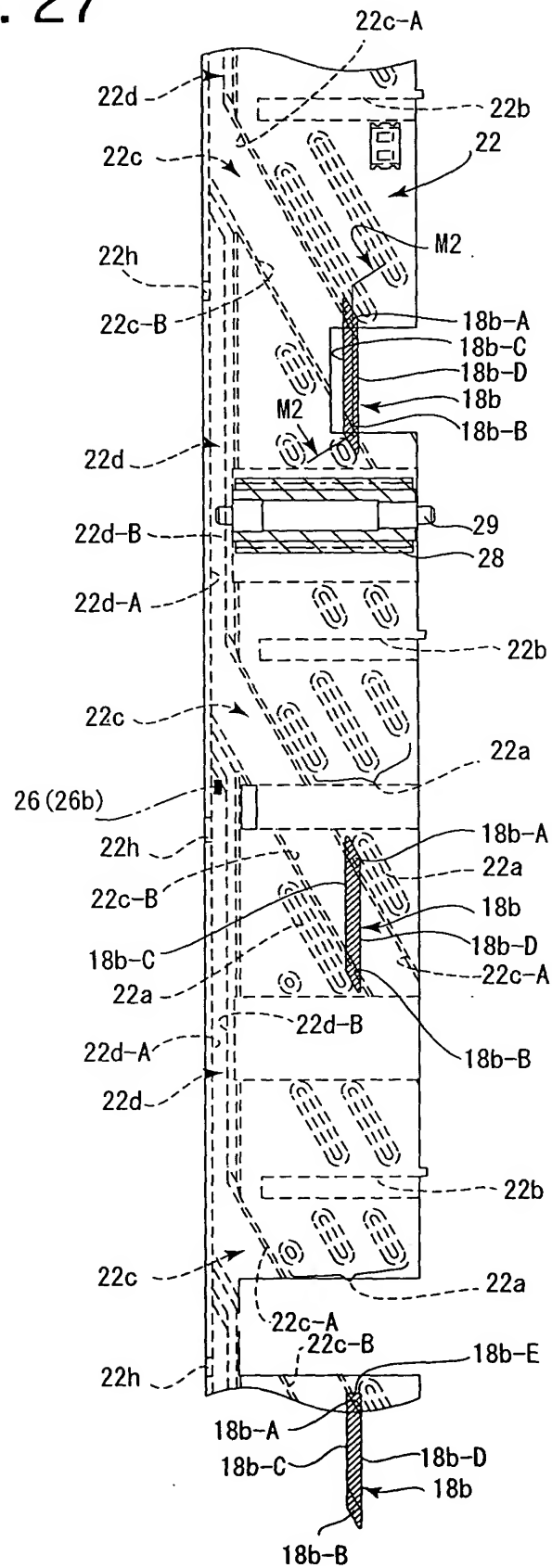


Fig. 28

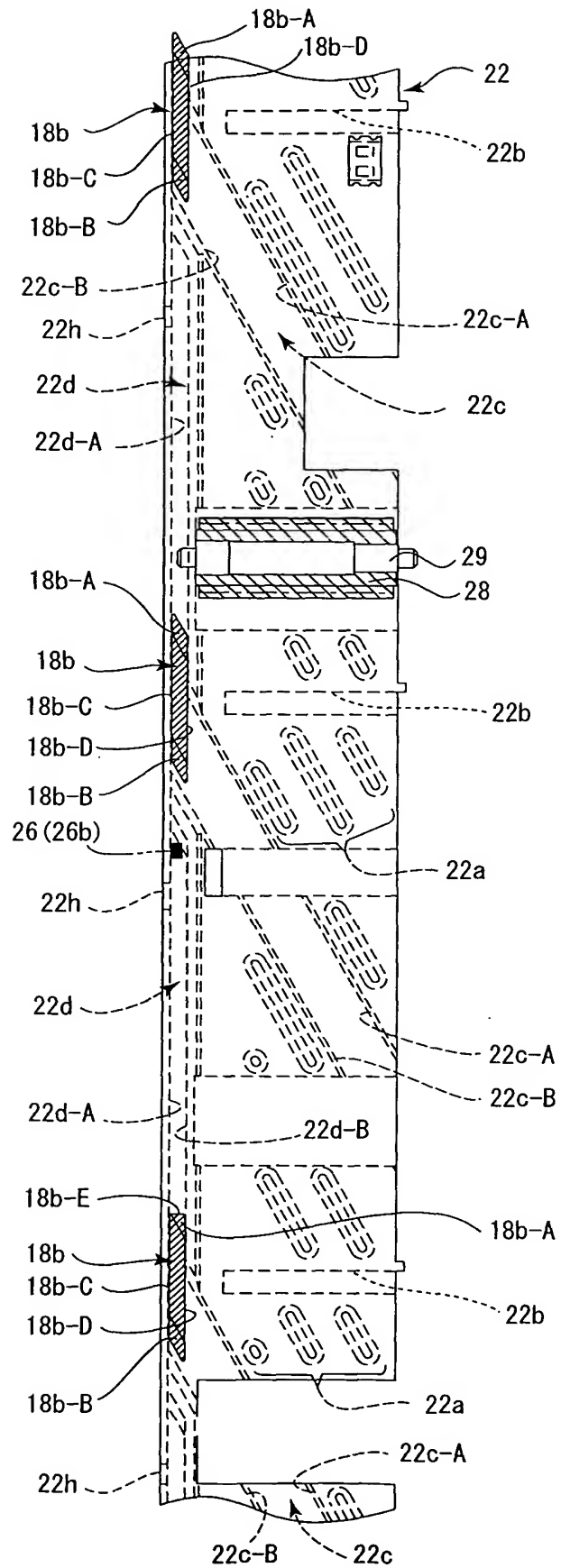


Fig. 29

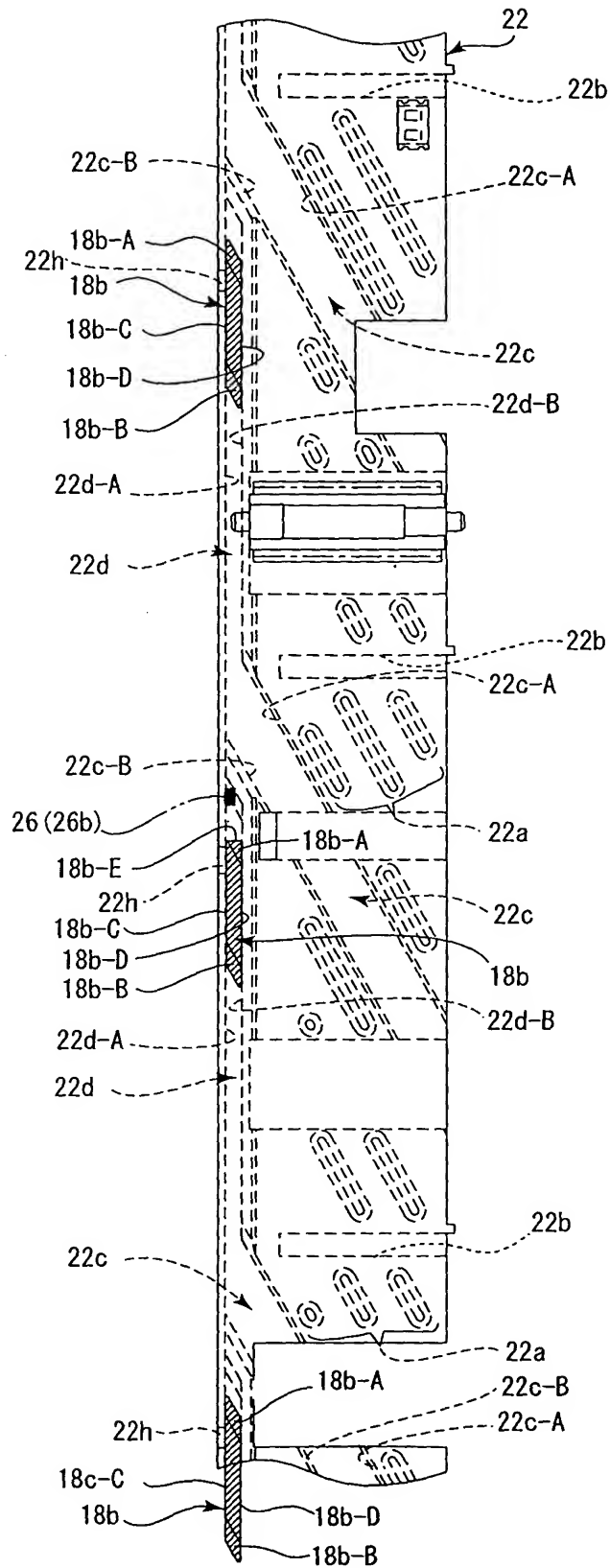


Fig. 30

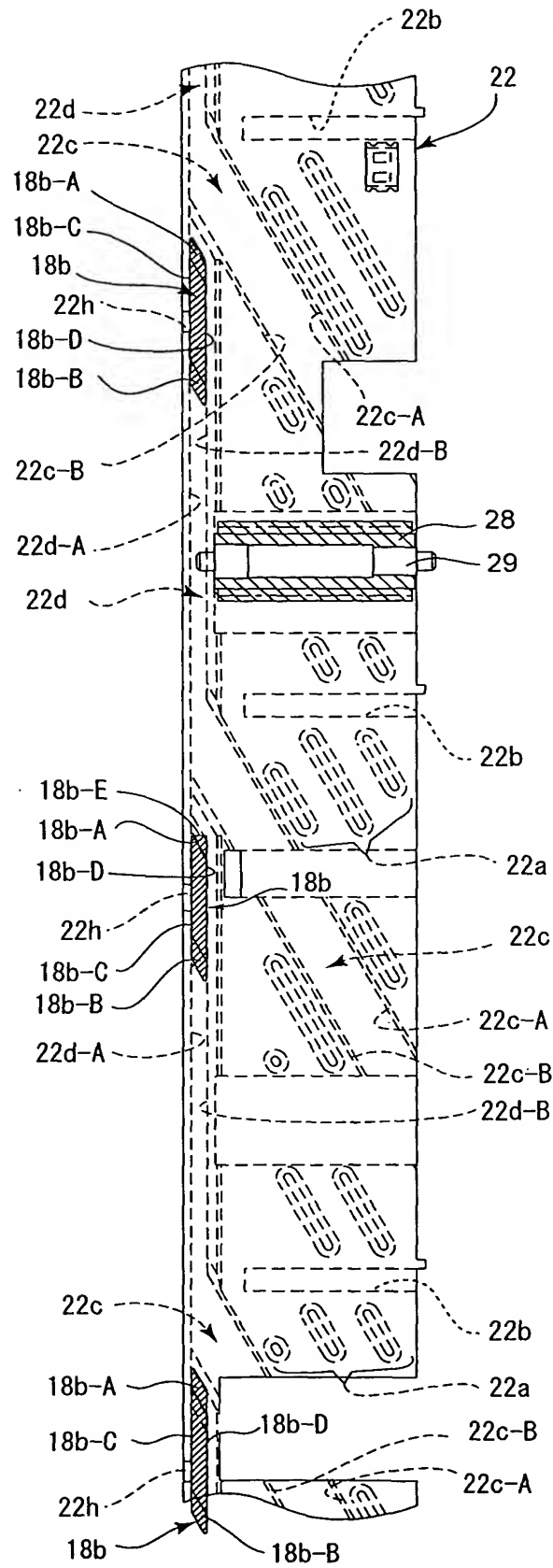


Fig. 31

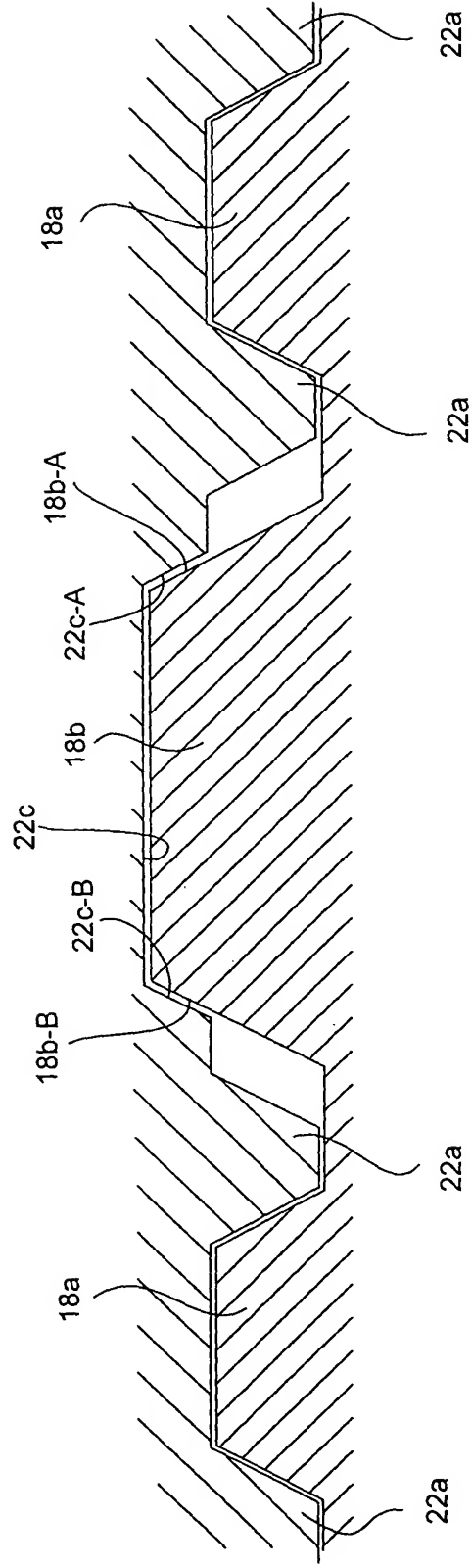


Fig. 32

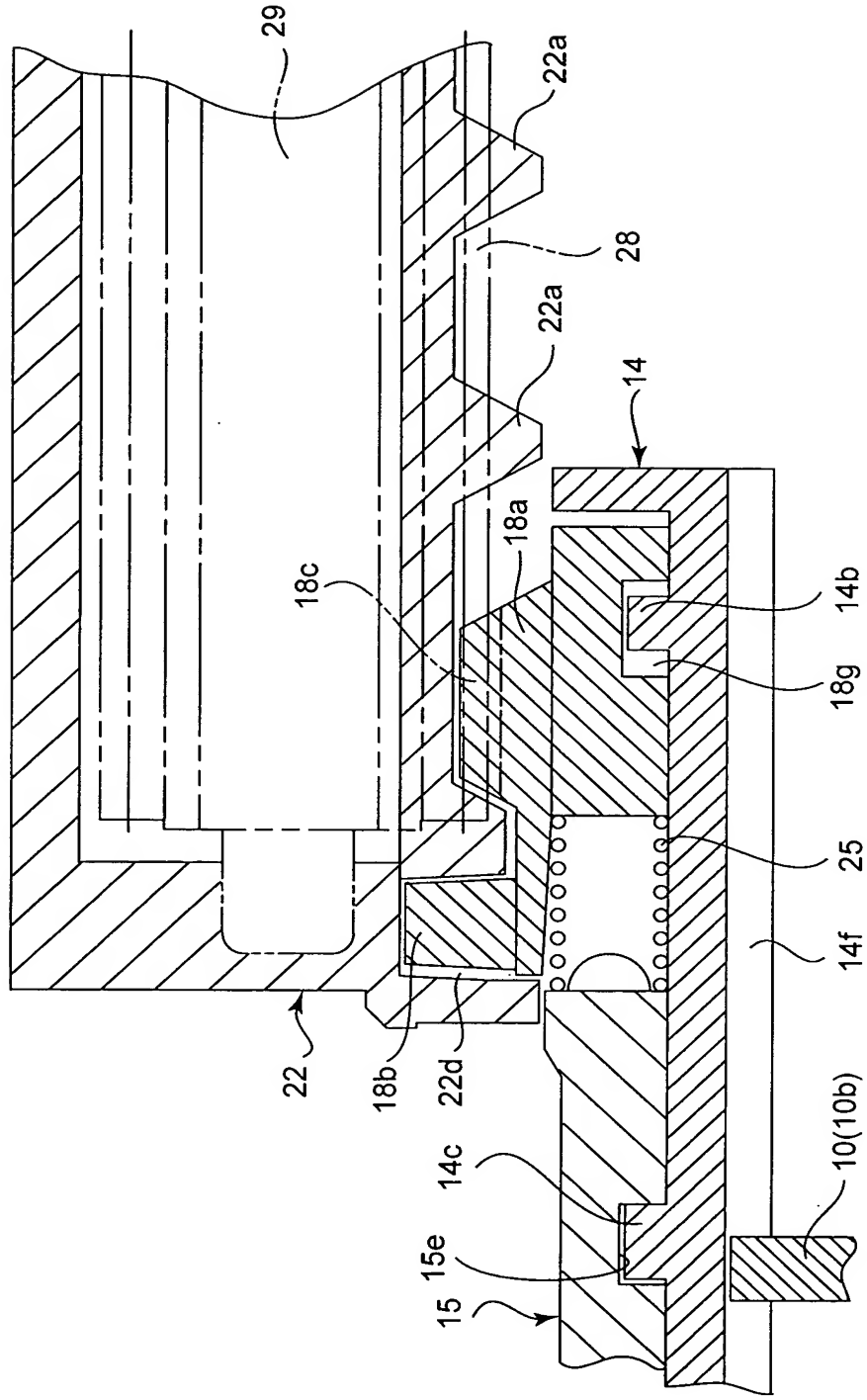


Fig. 33

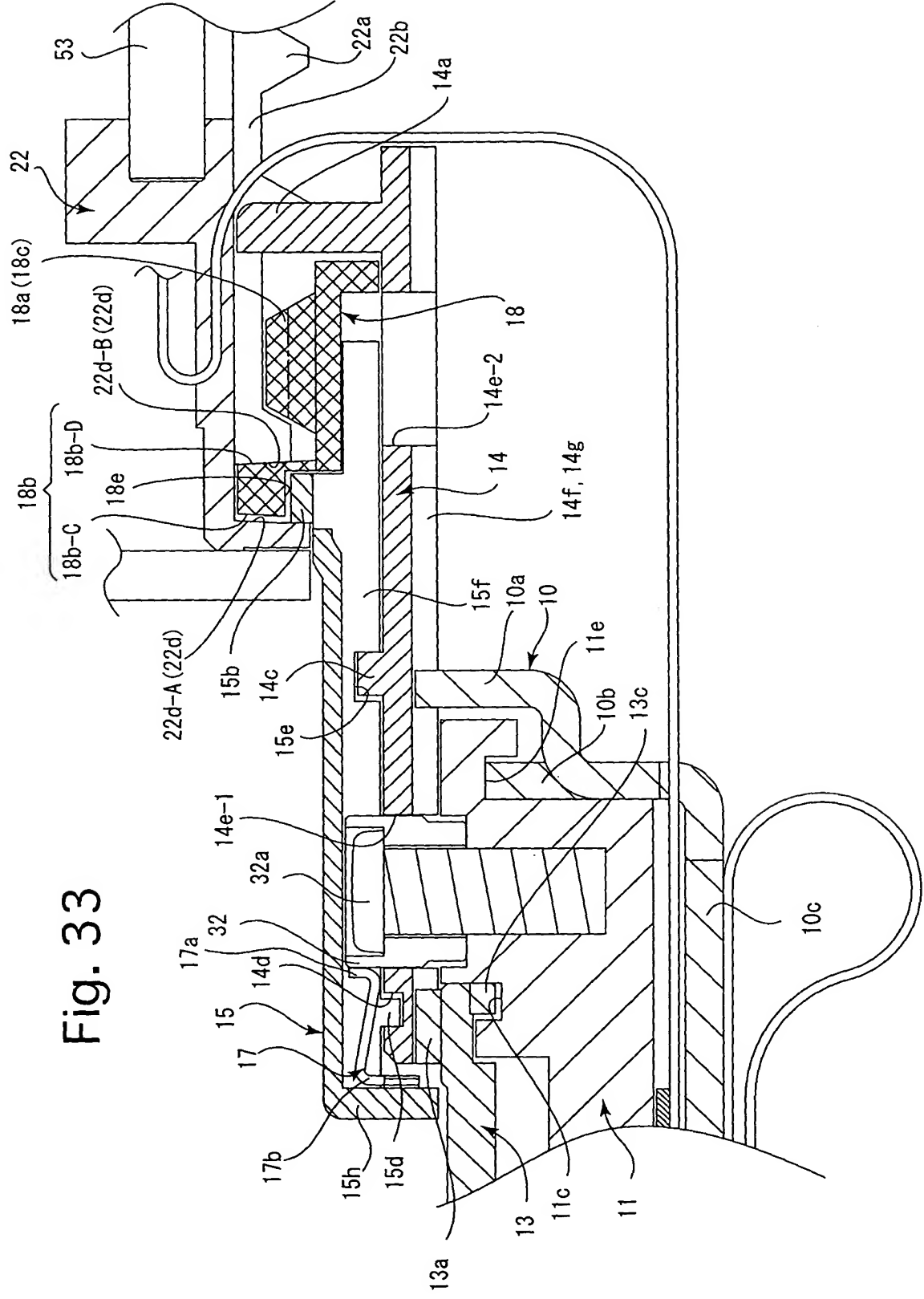


Fig. 34

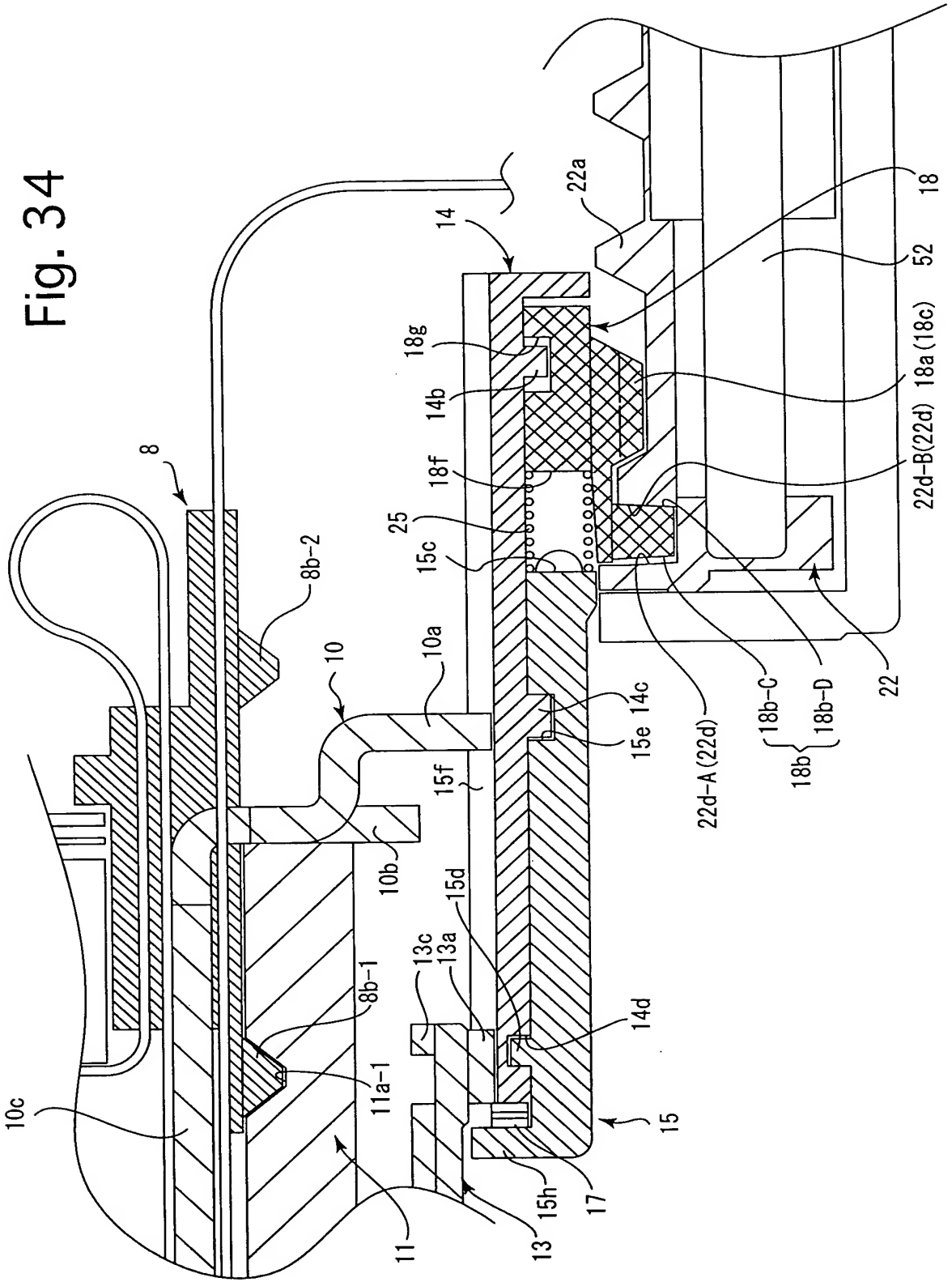


Fig. 35

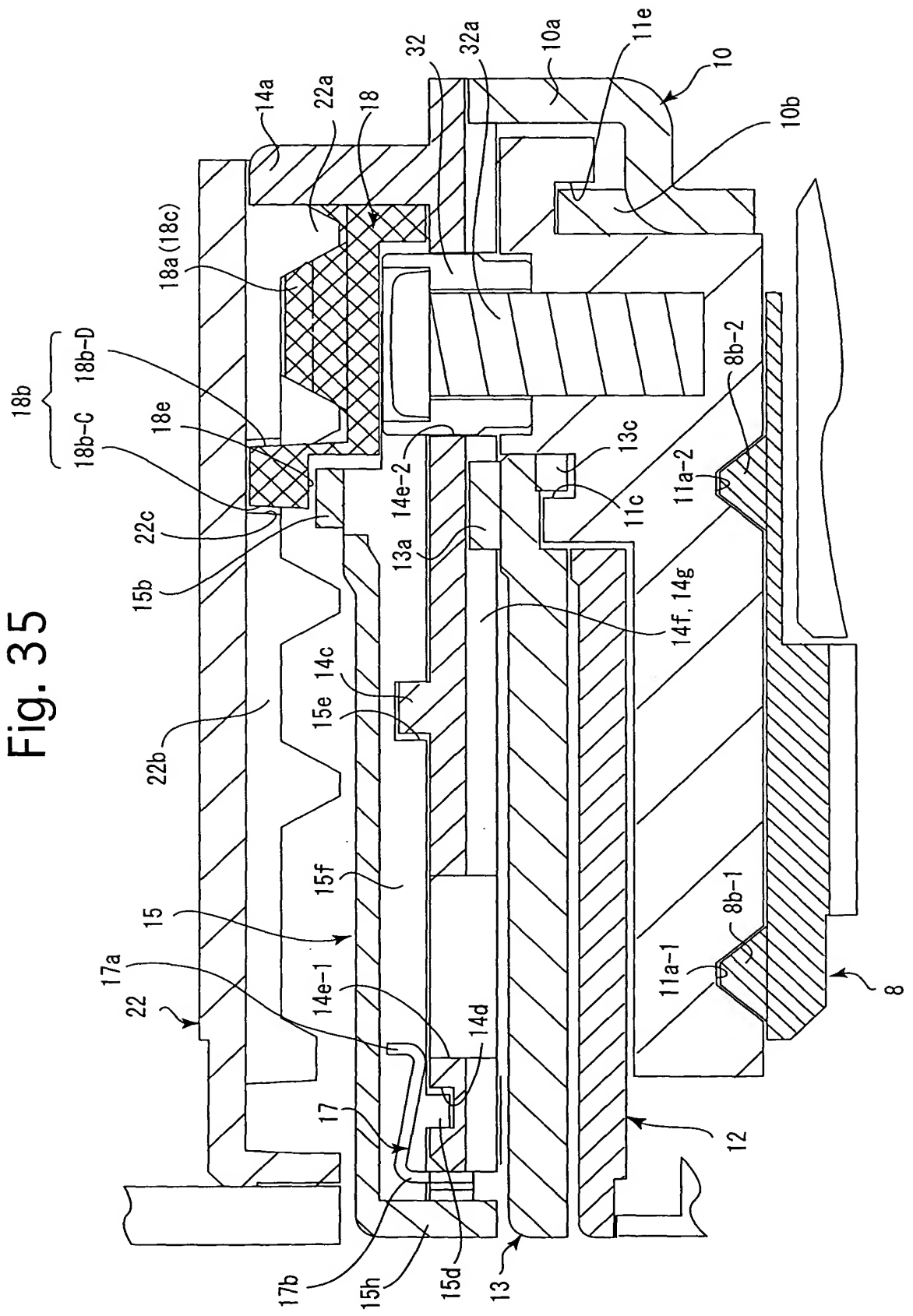


Fig. 36

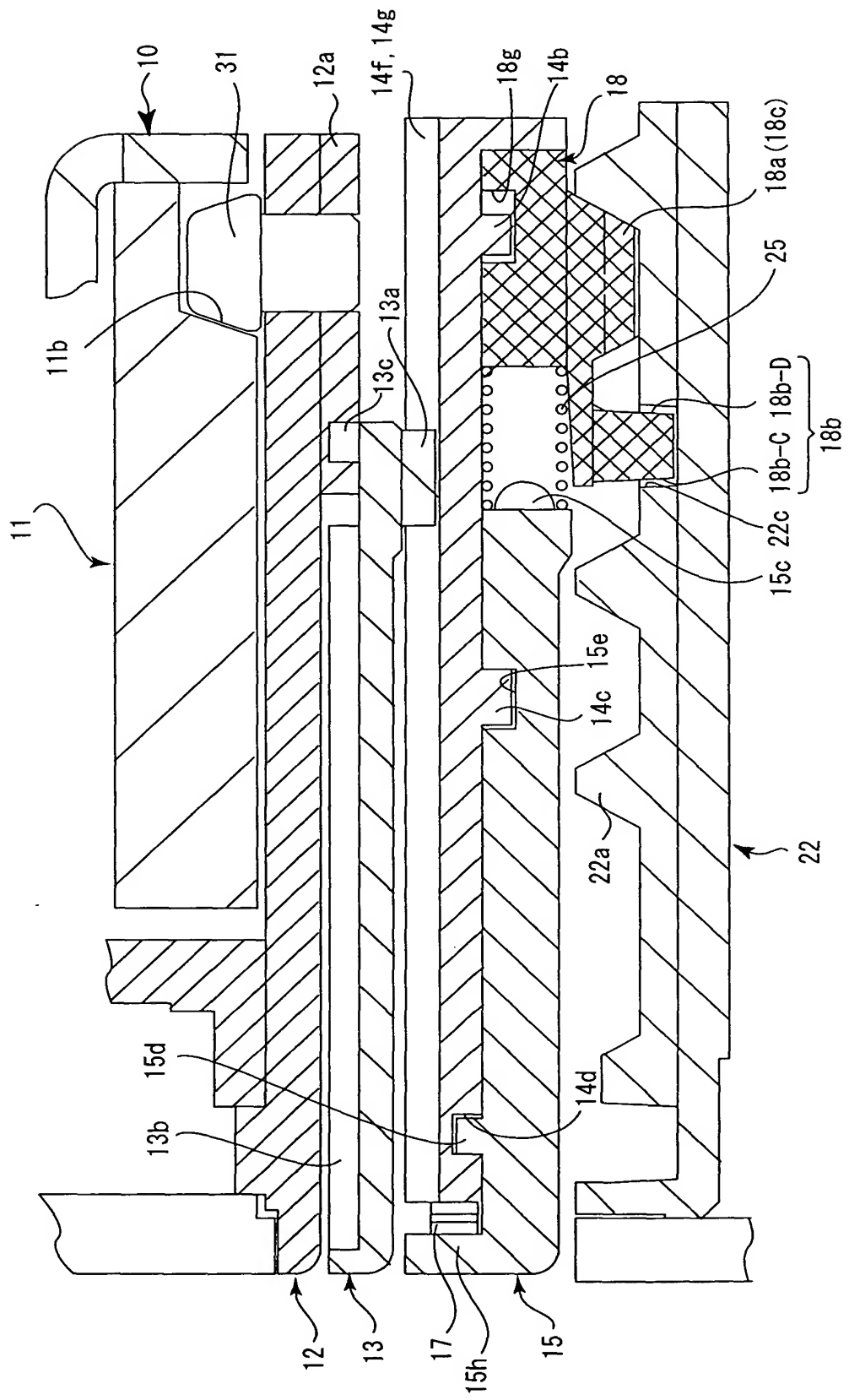


Fig. 37

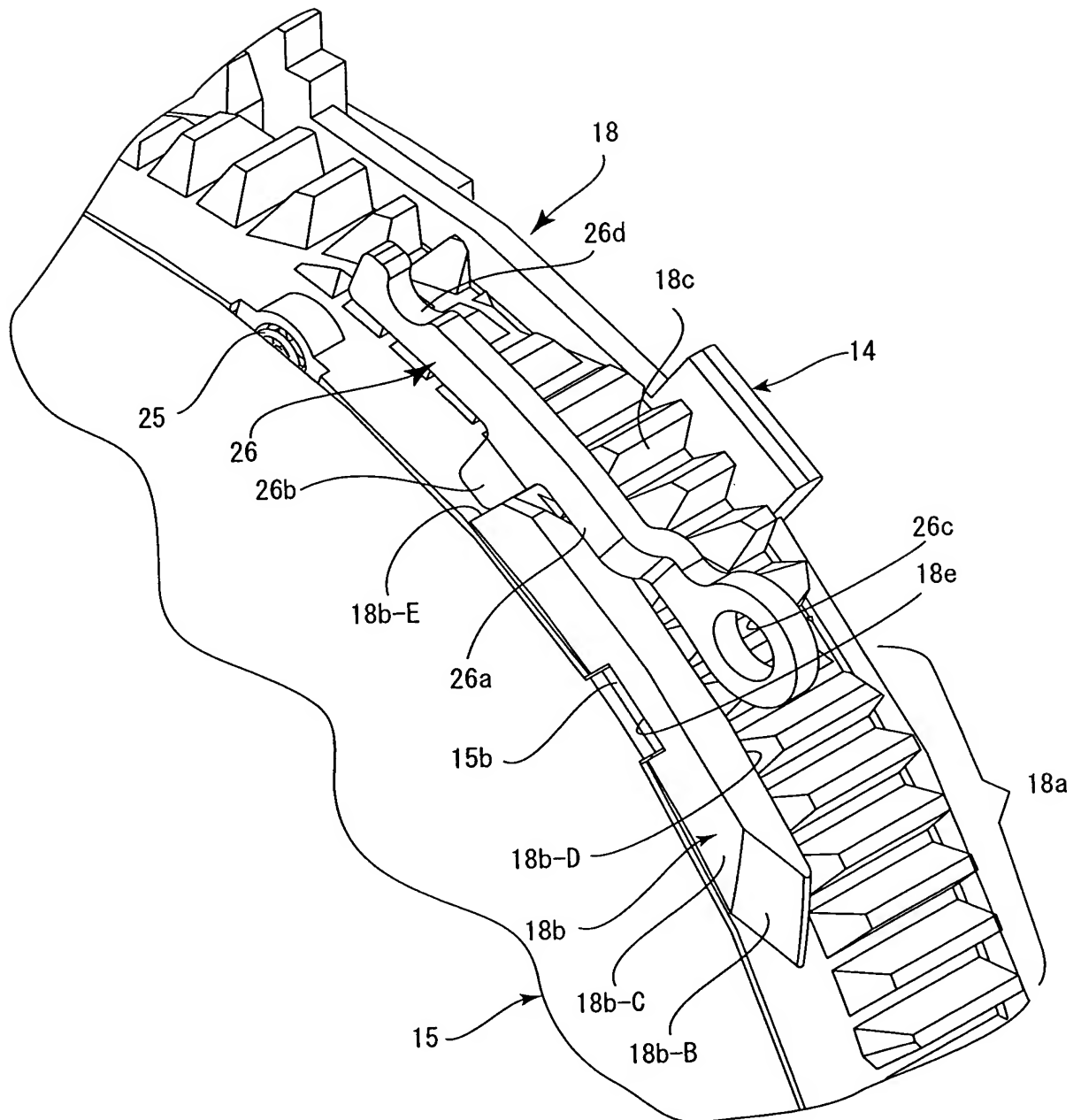


Fig. 38

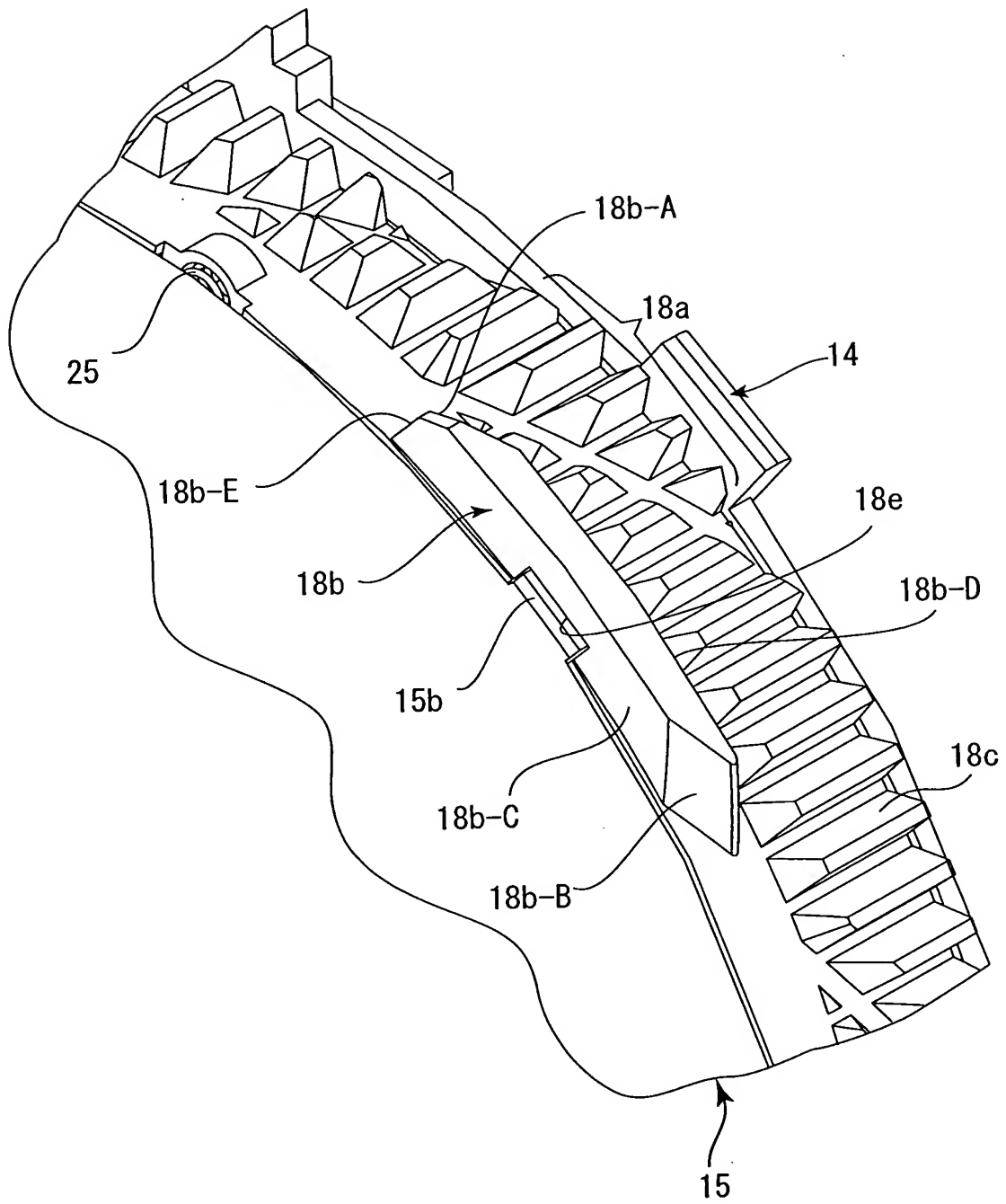


Fig. 39

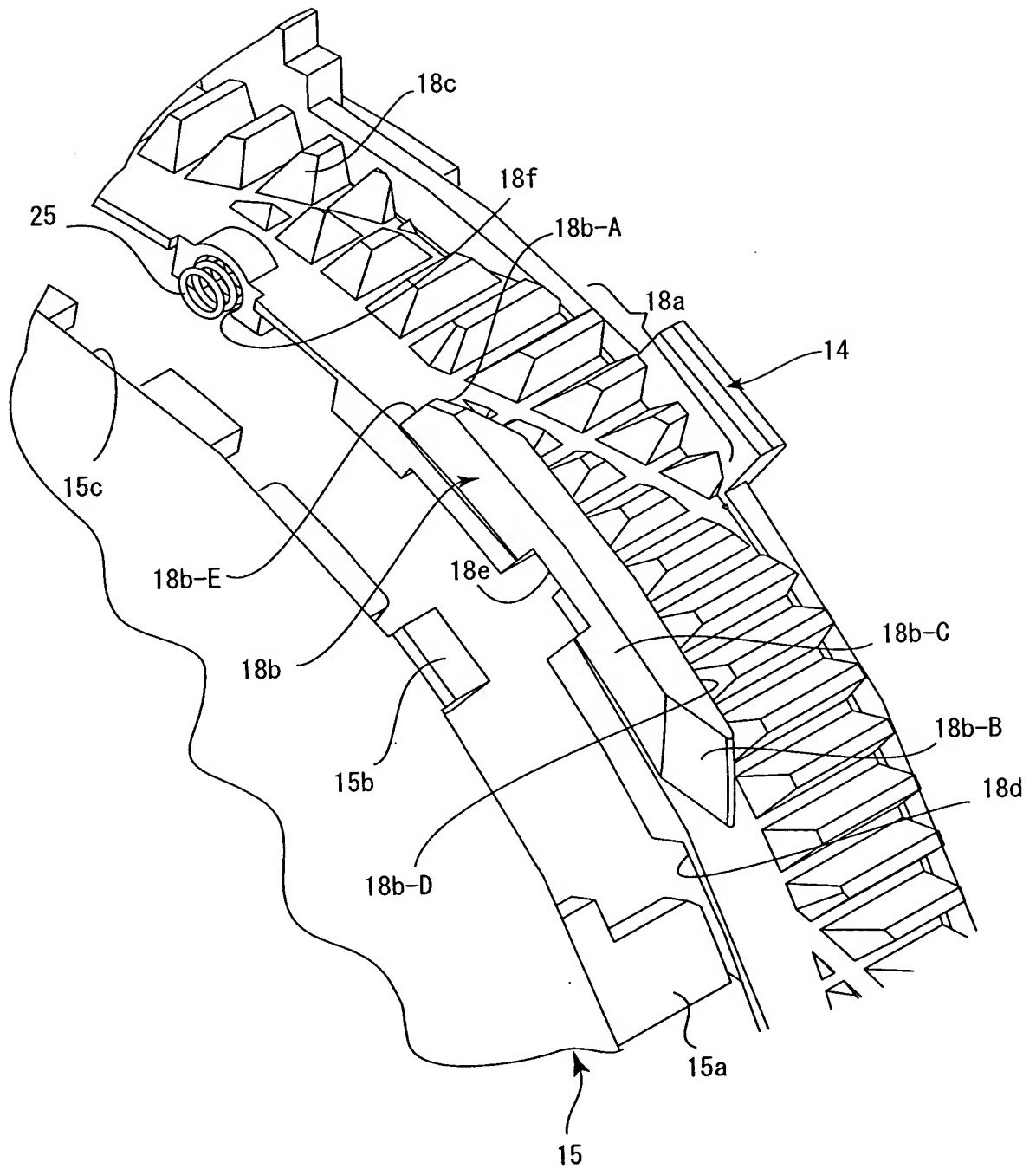


Fig . 40

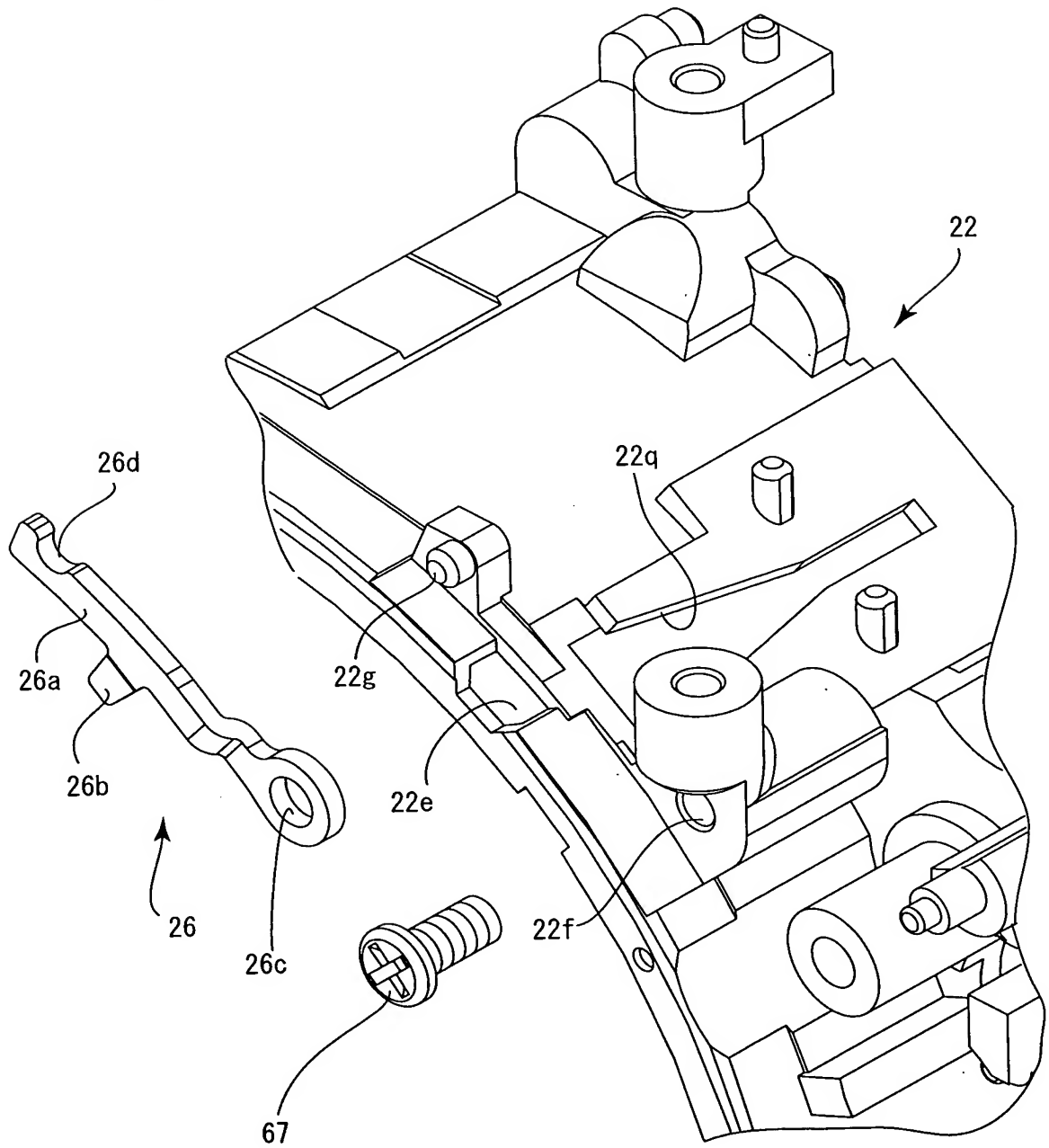


Fig . 41

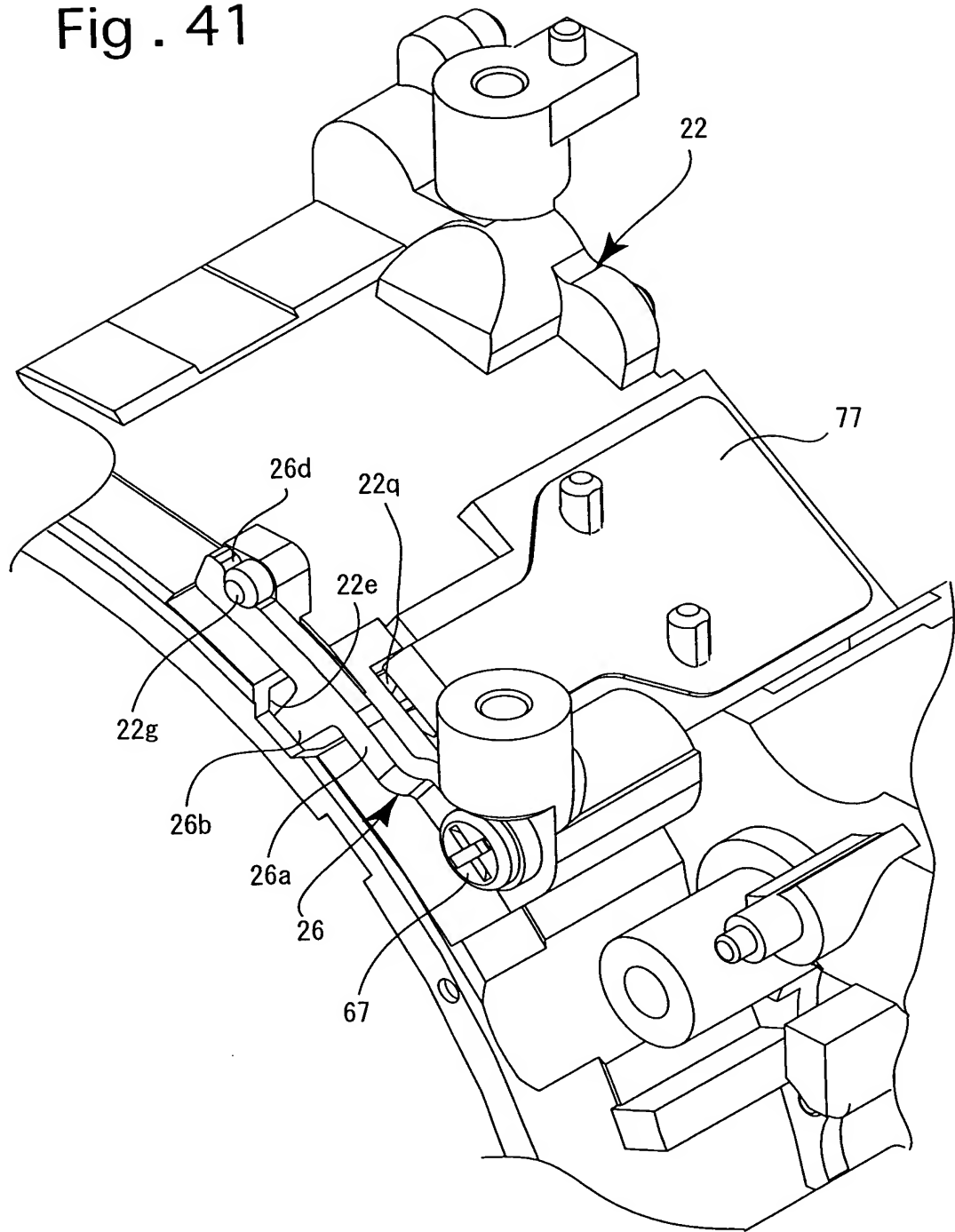


Fig. 42

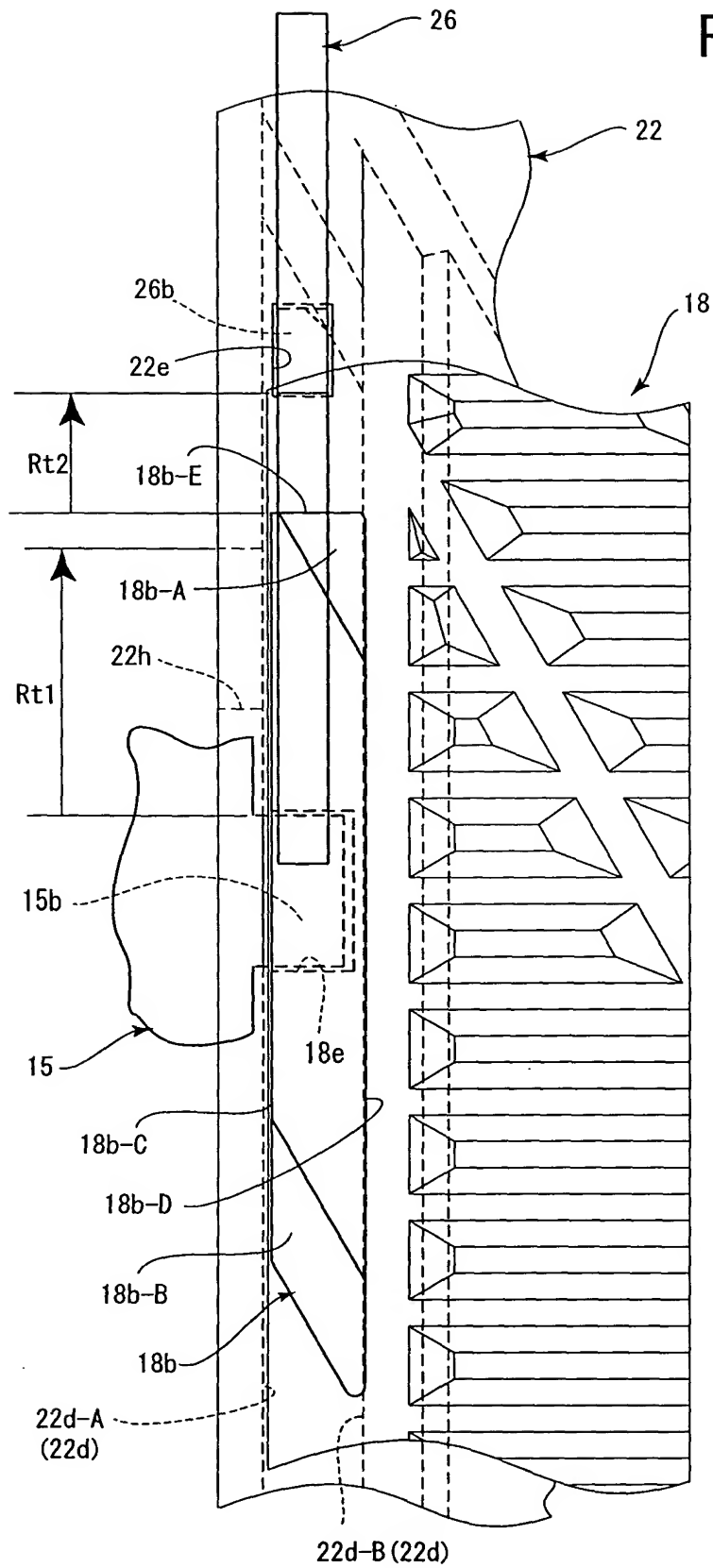


Fig. 43

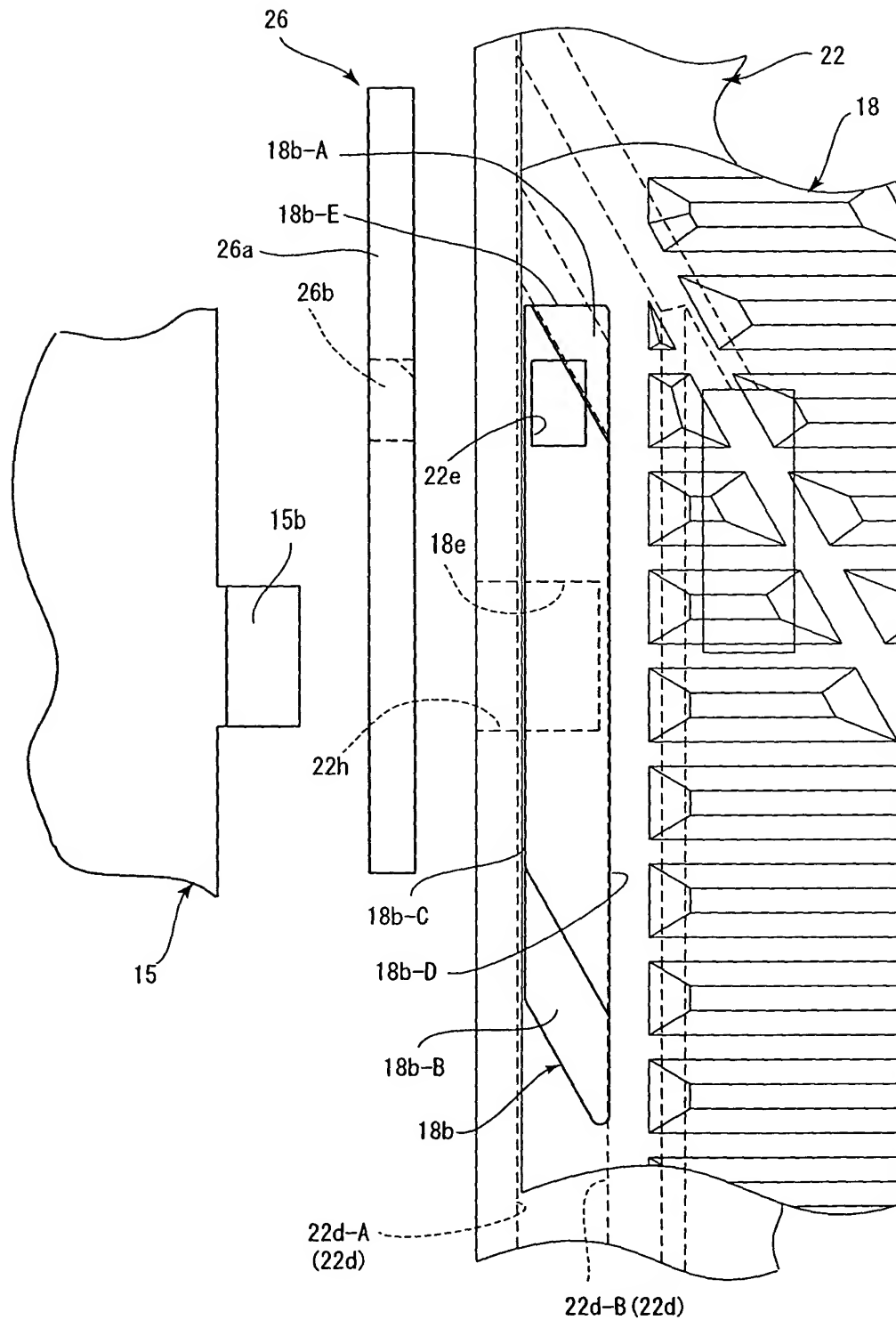


Fig. 44

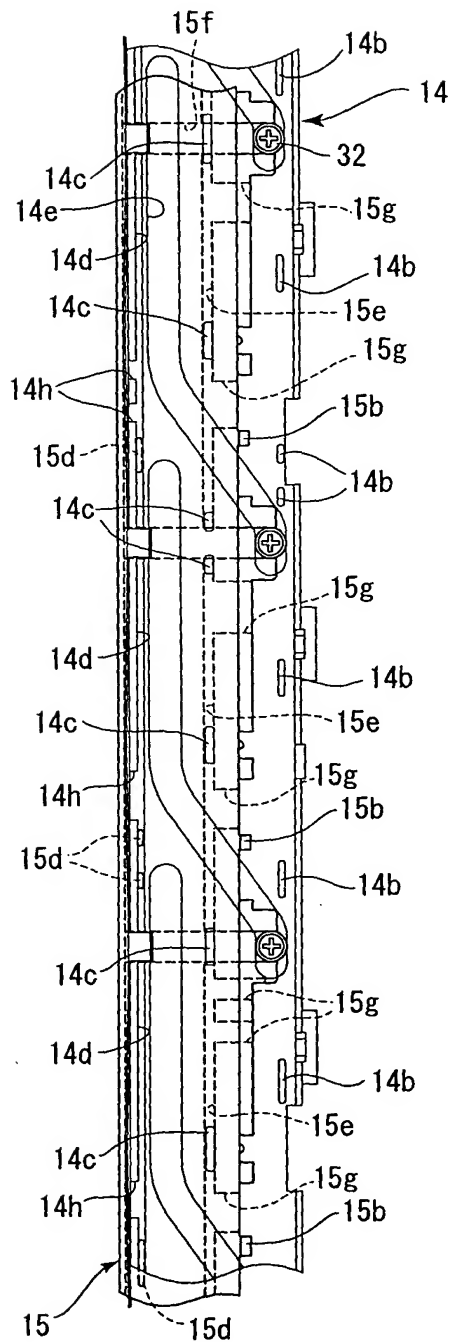


Fig. 45

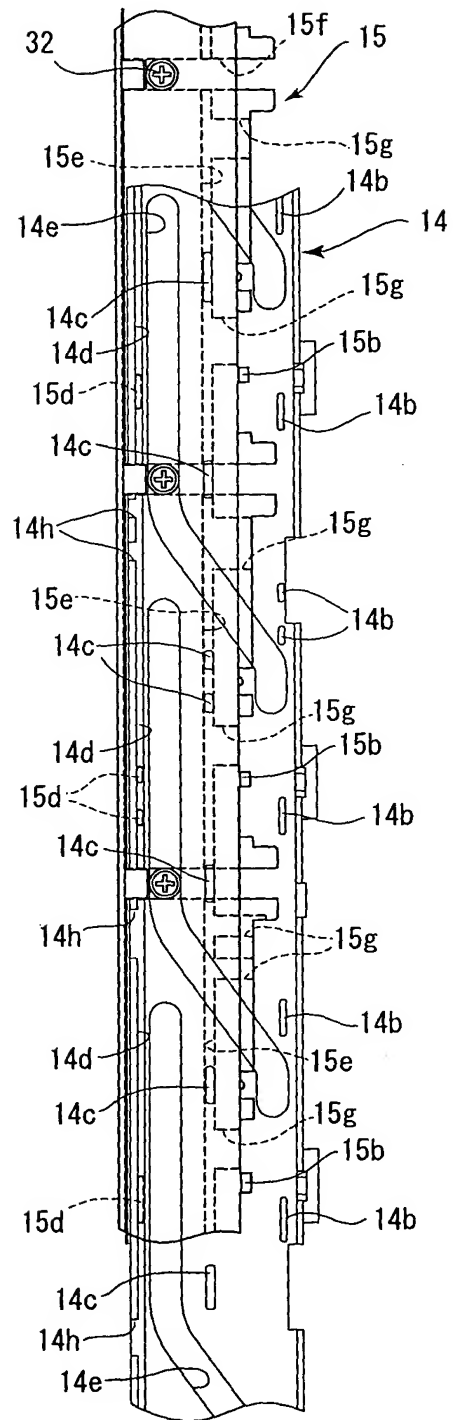


Fig. 46

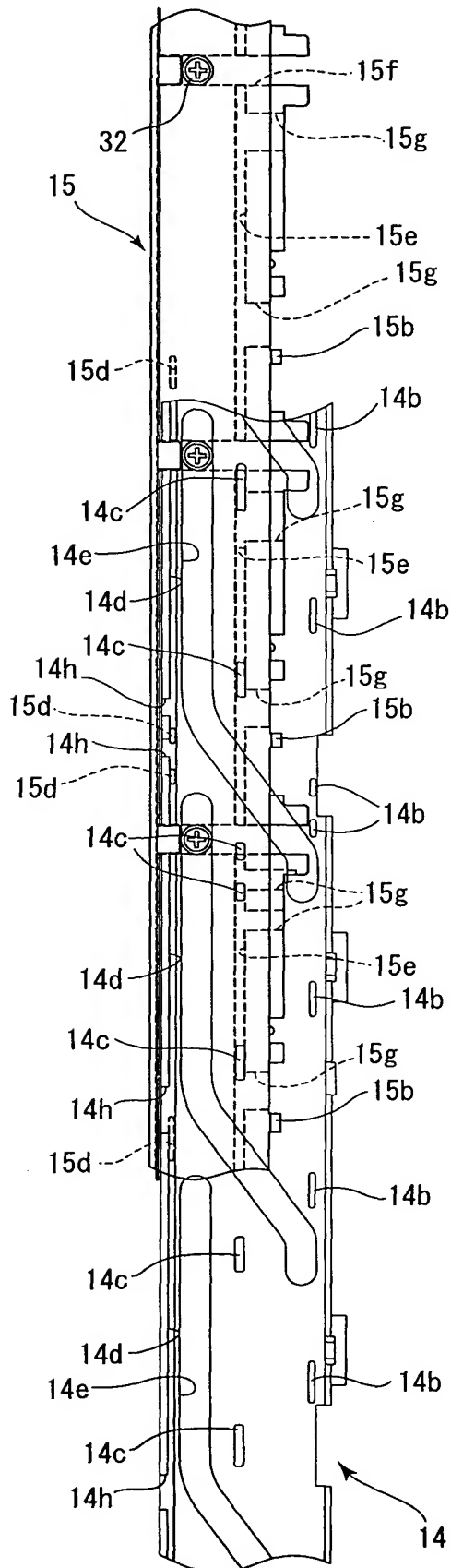


Fig. 47

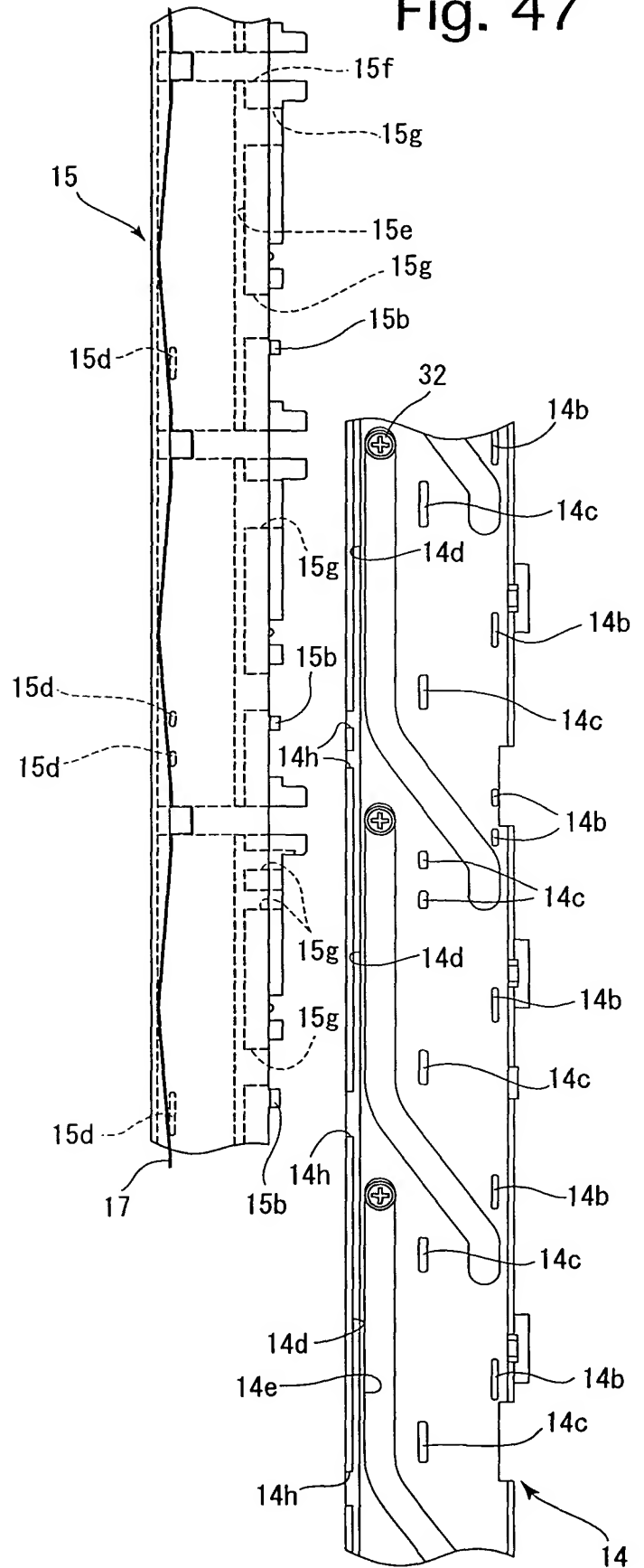


Fig. 48

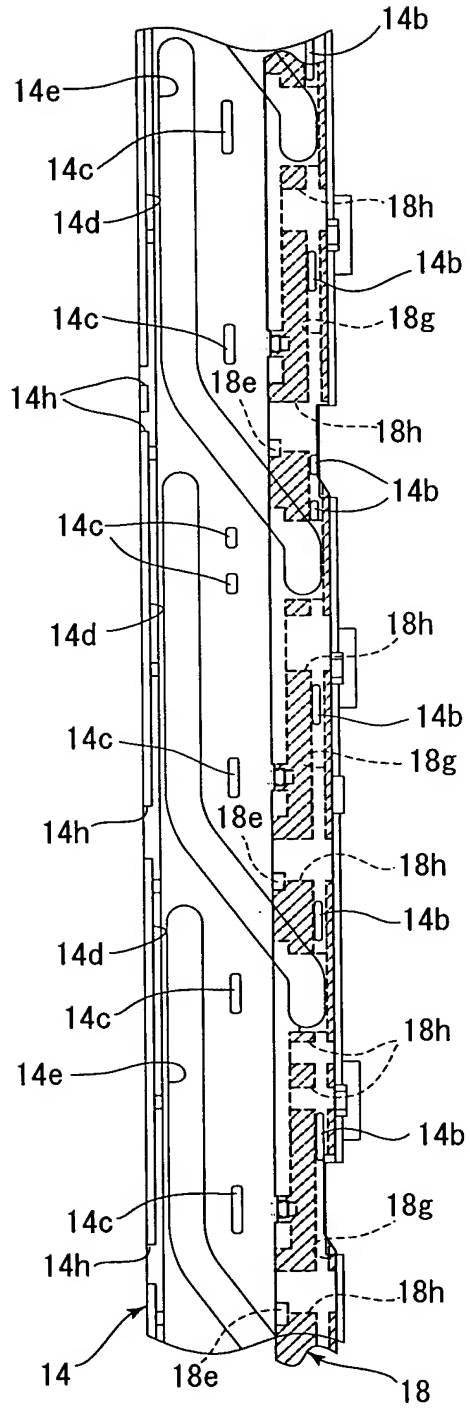


Fig. 49

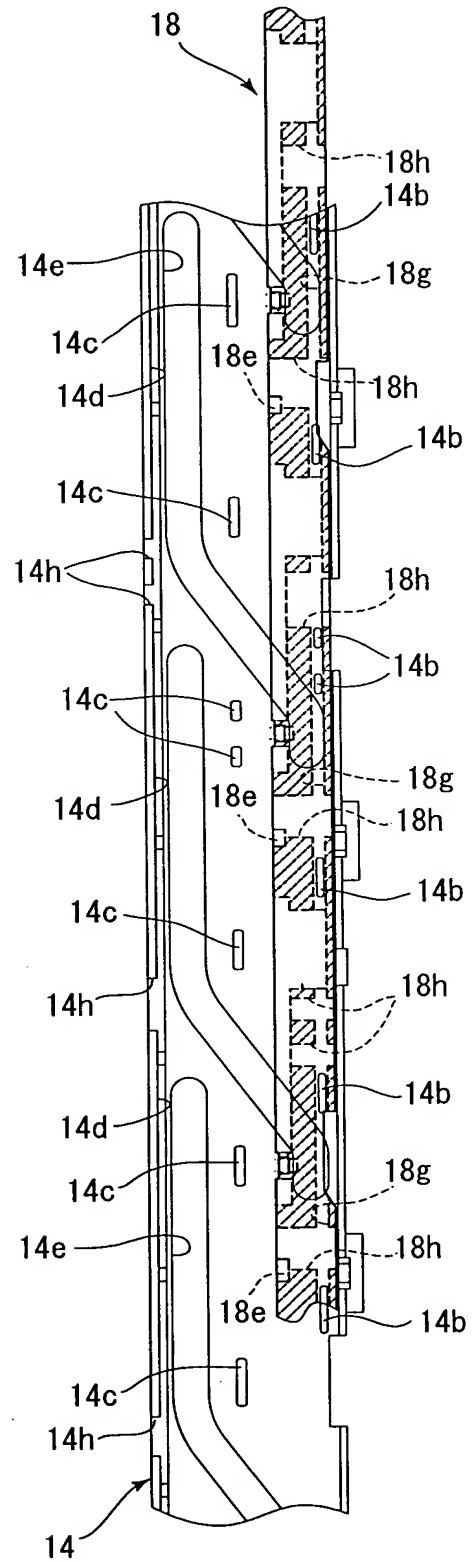


Fig. 50

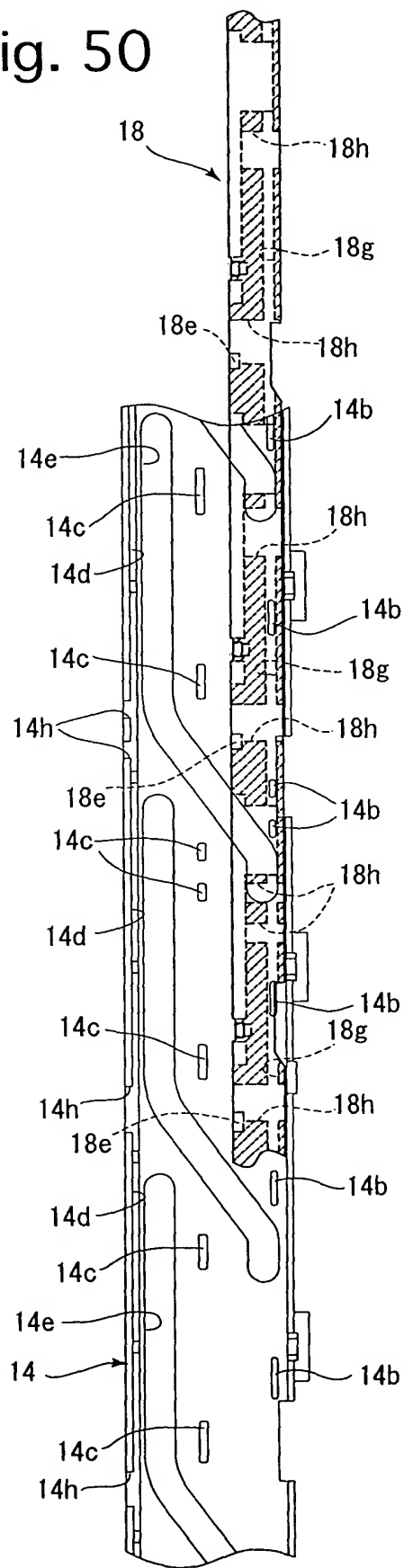


Fig. 51

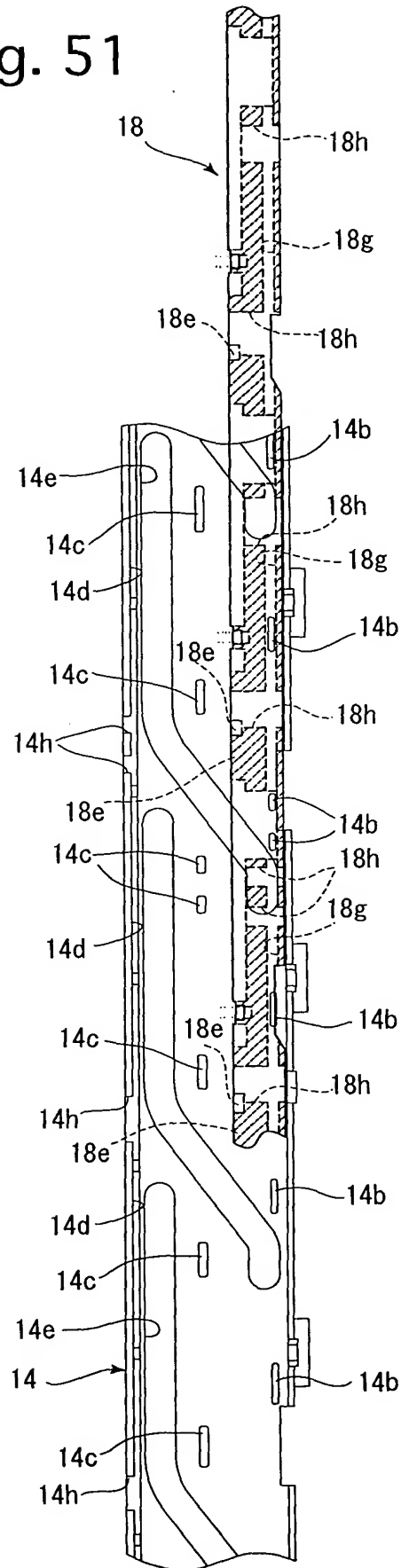


Fig. 52

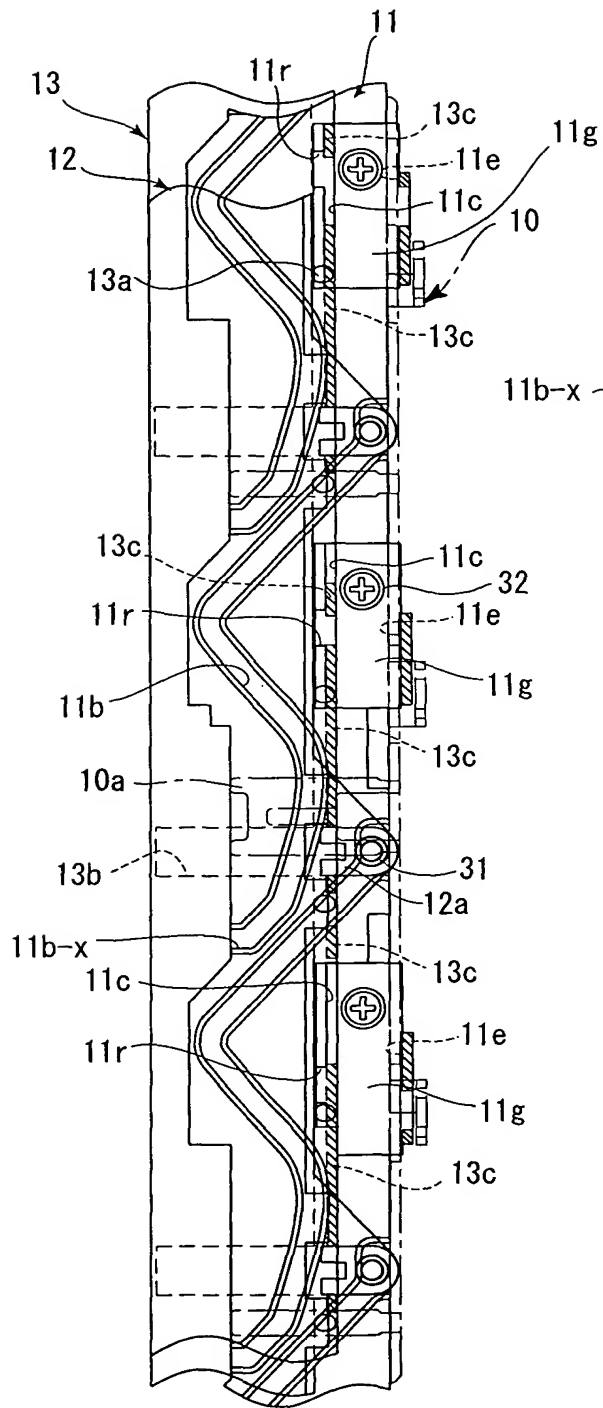


Fig. 53

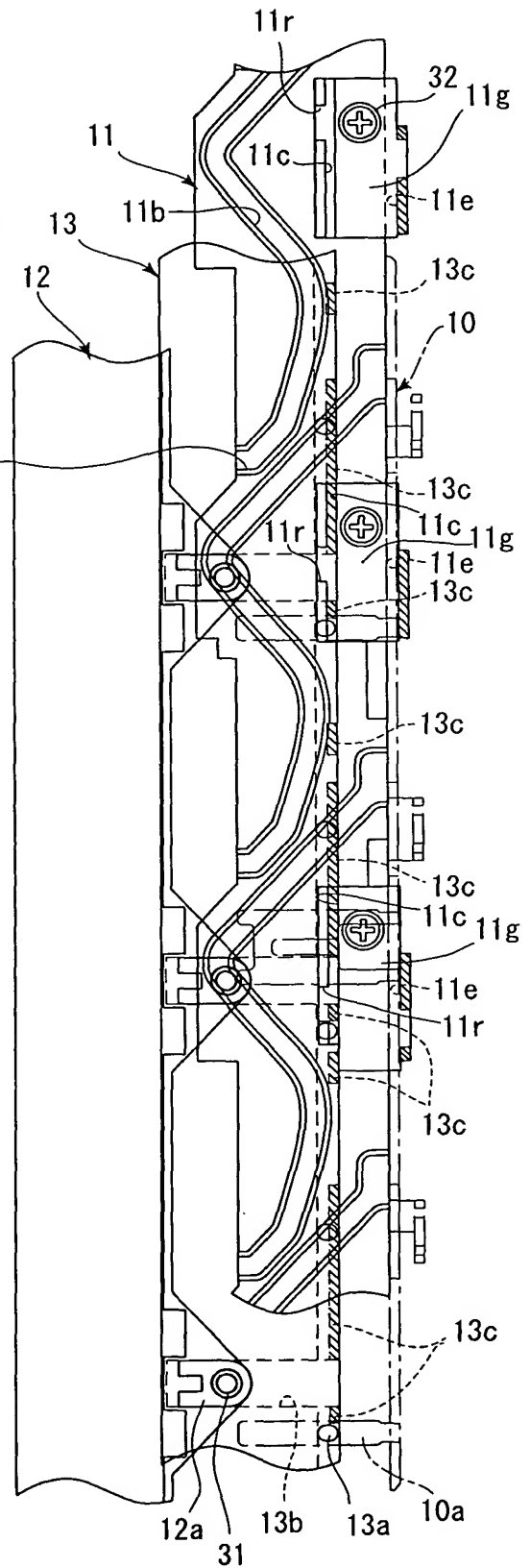


Fig. 54

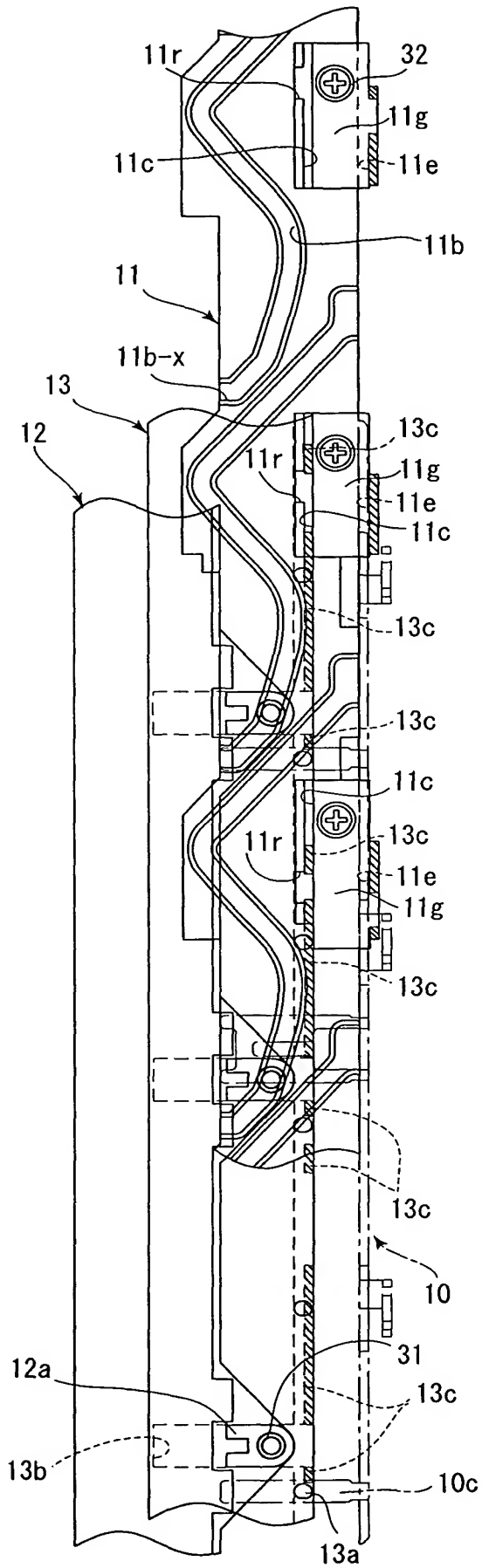


Fig. 55

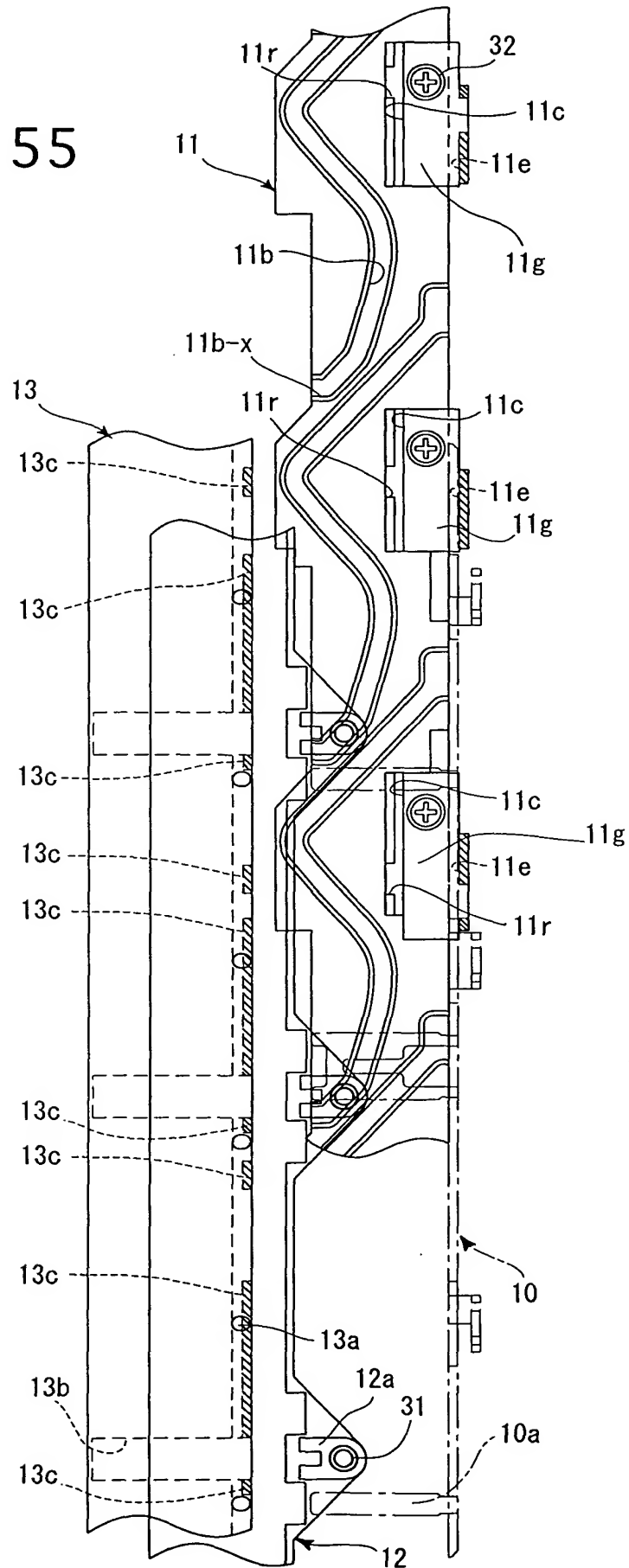


Fig. 56

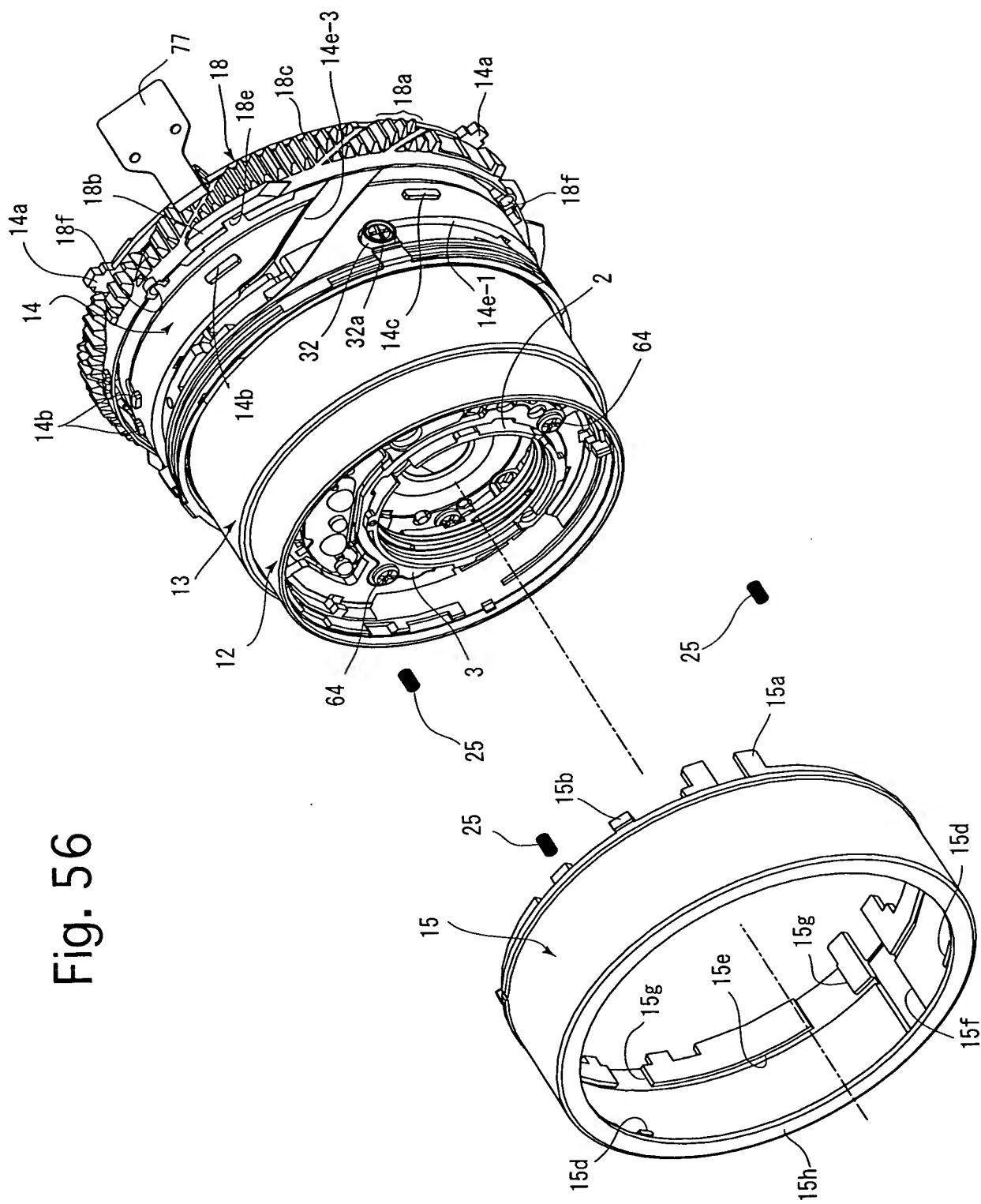


Fig. 57

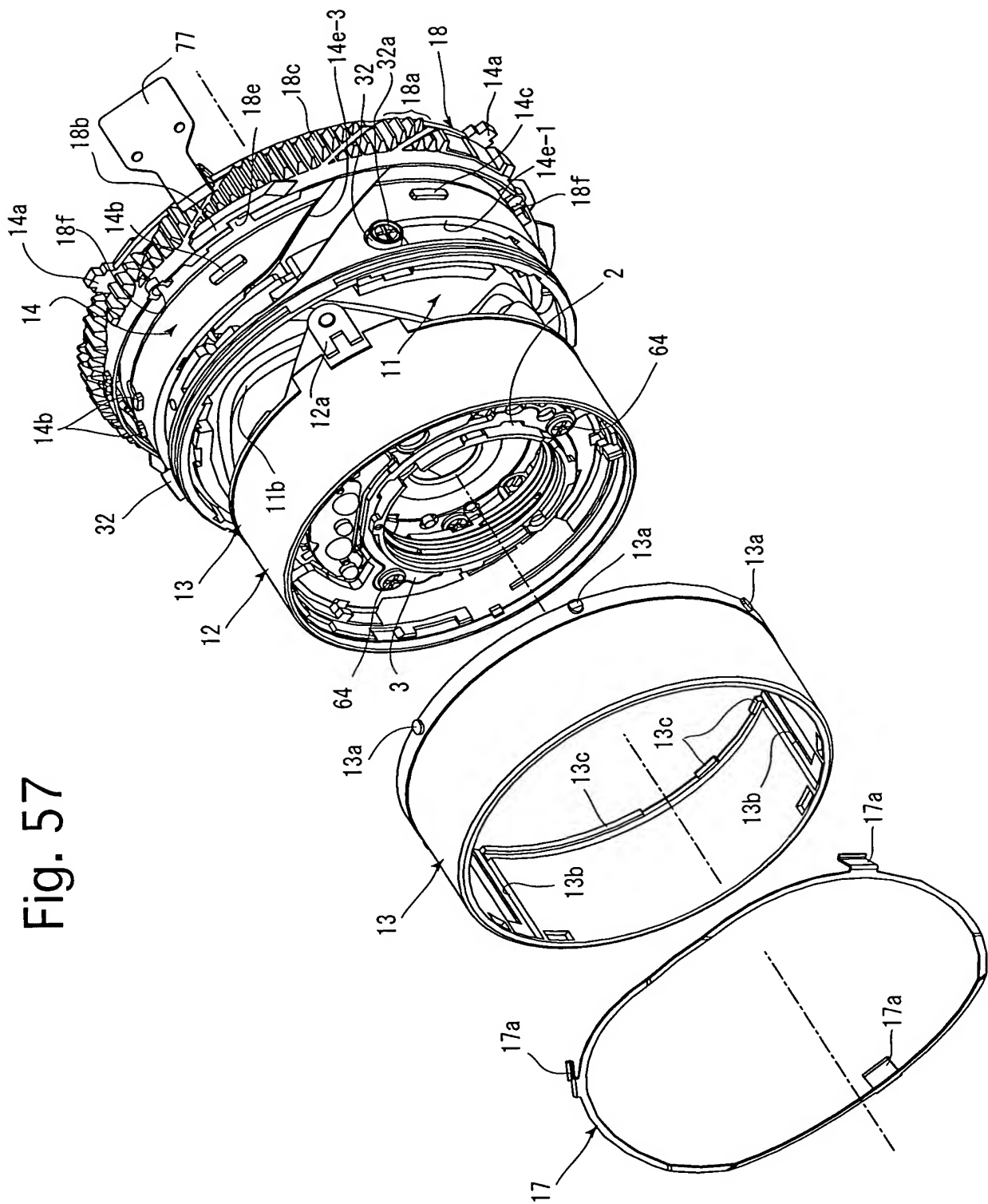


Fig. 58

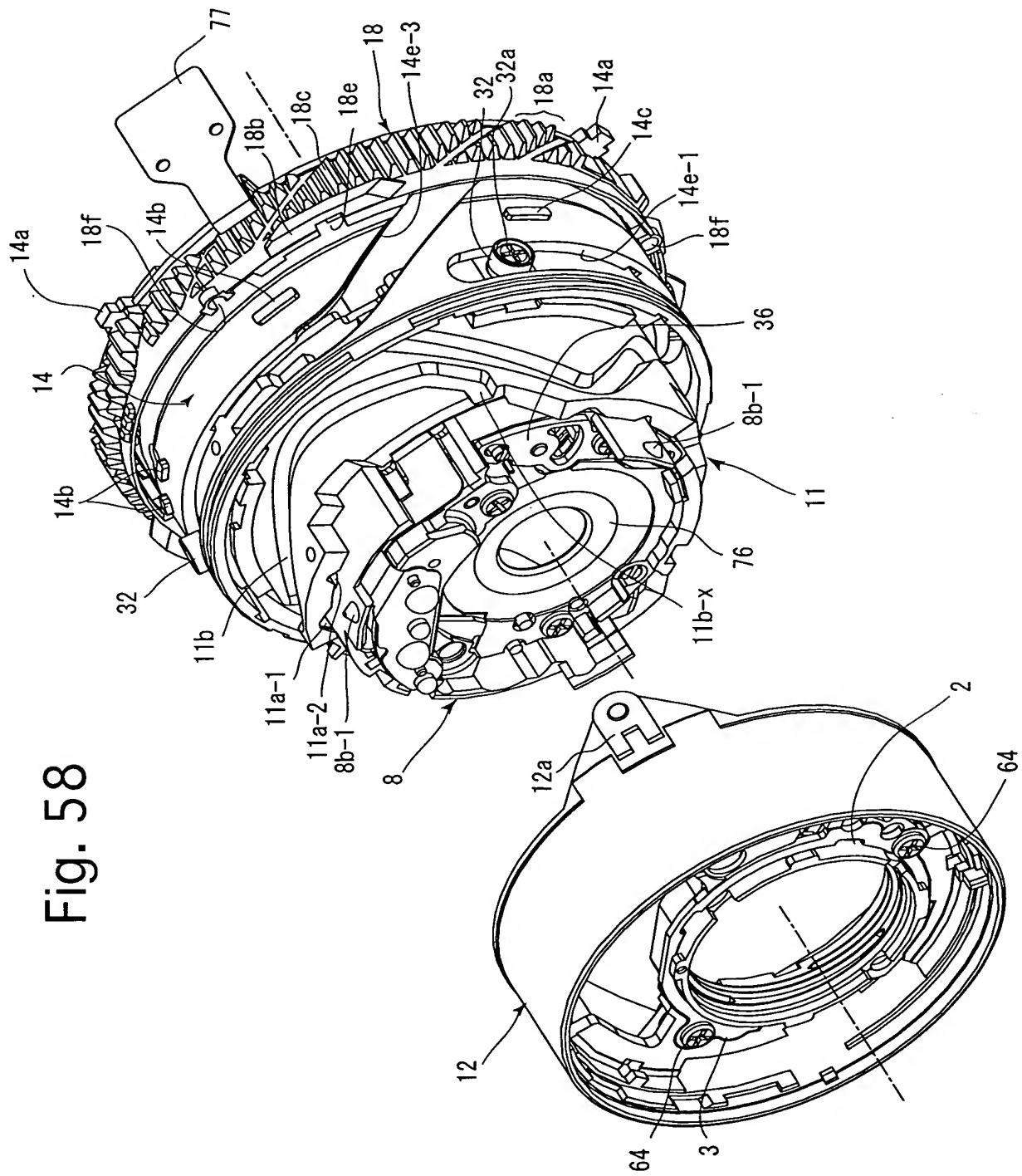


Fig. 60

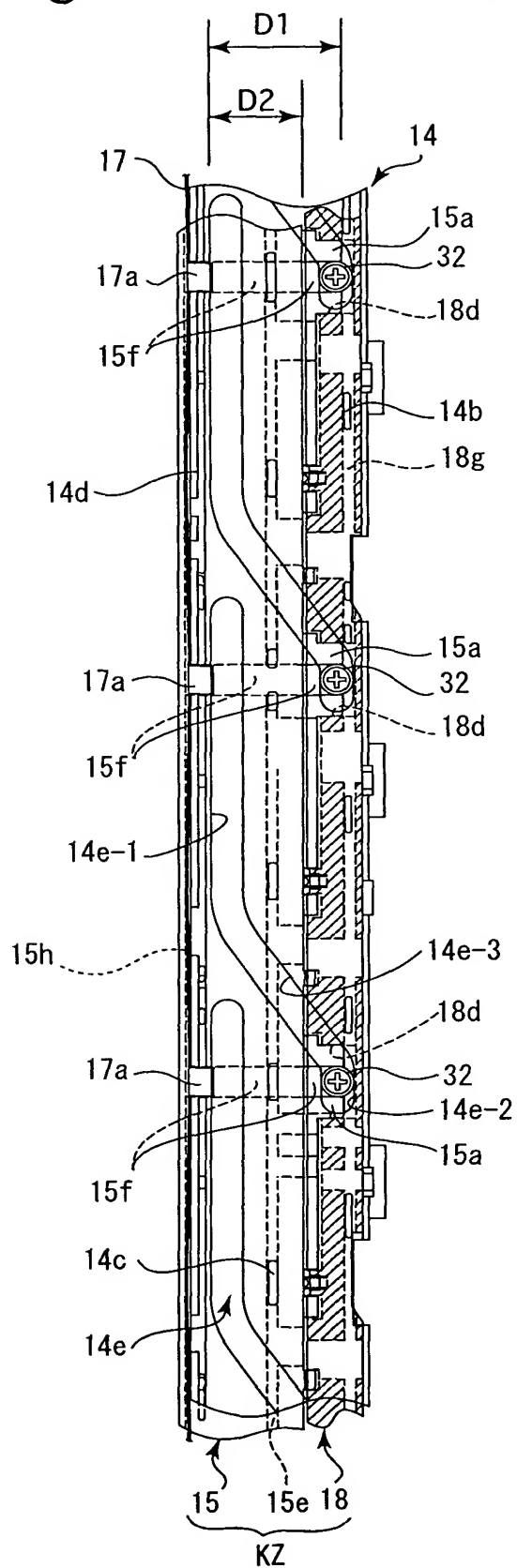
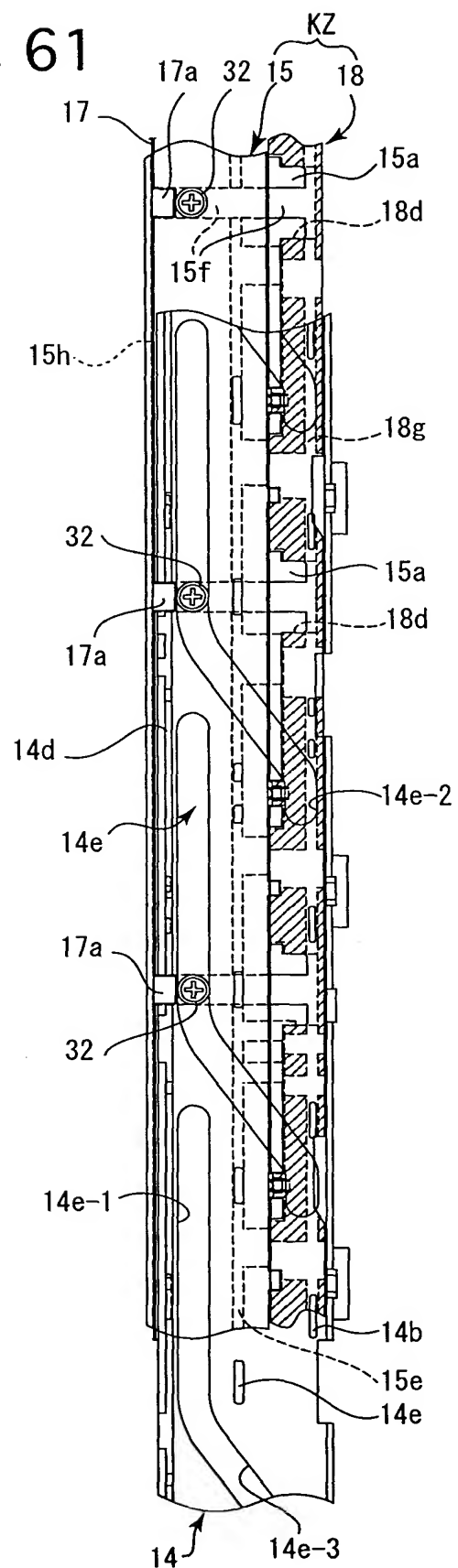


Fig. 61



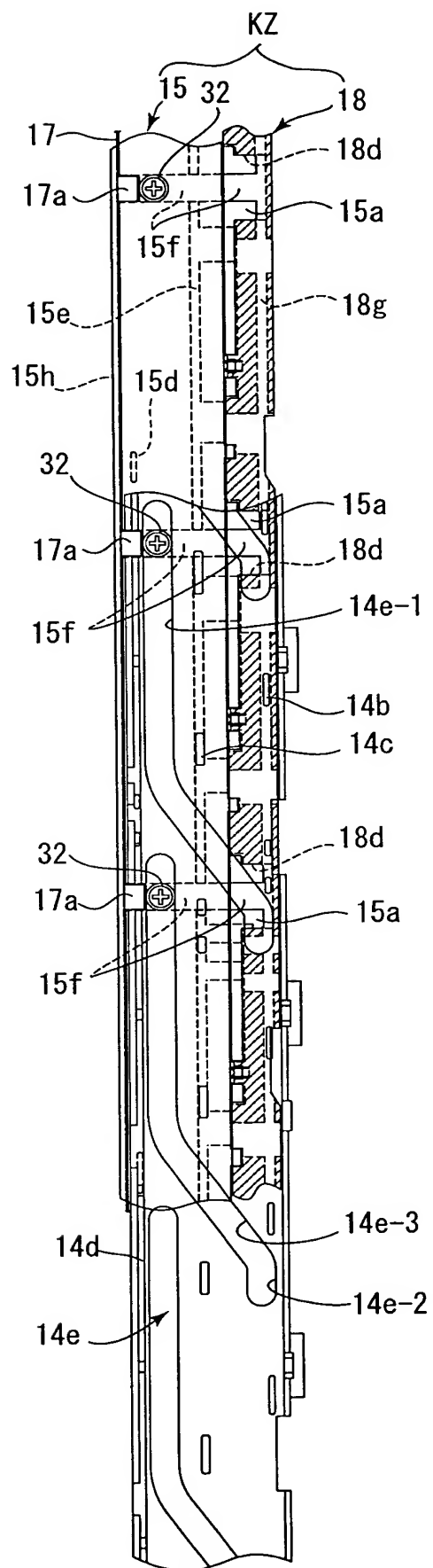


Fig. 62

Fig. 63

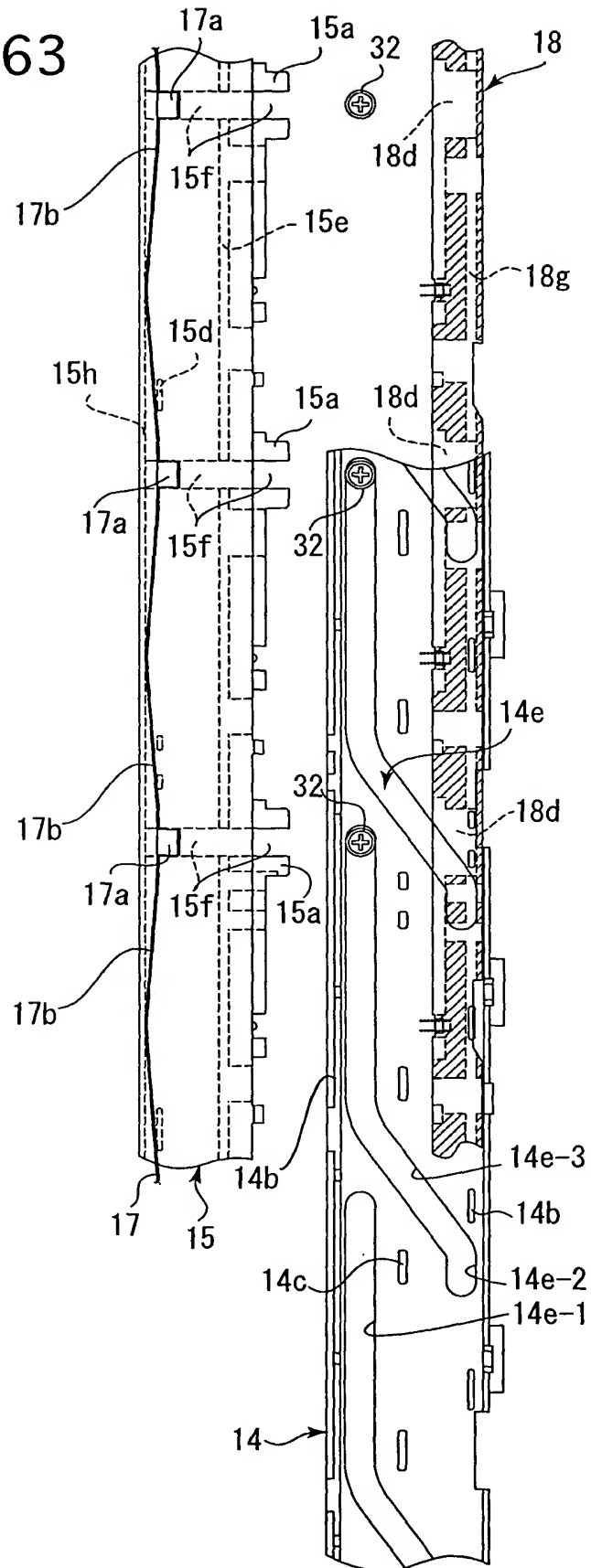


Fig. 64

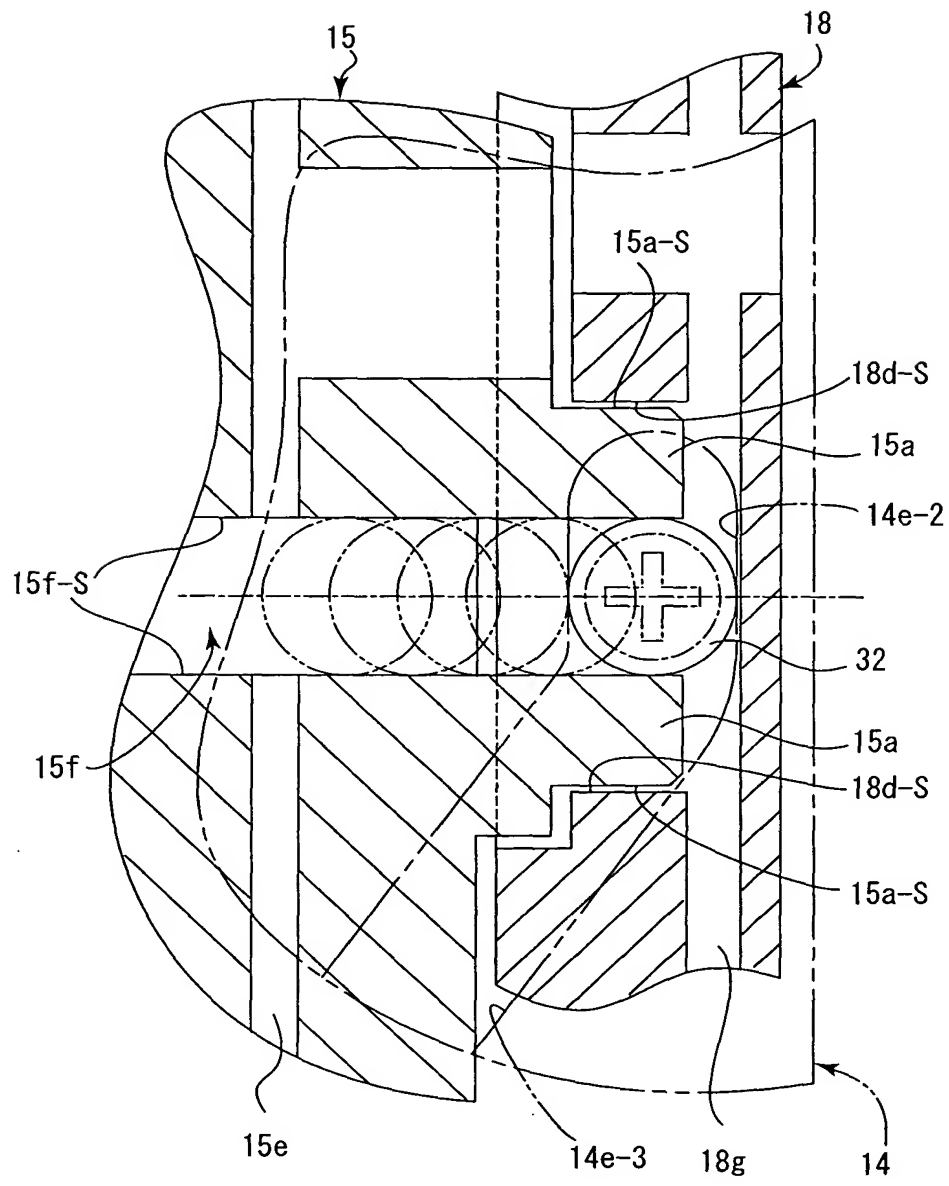


Fig. 65

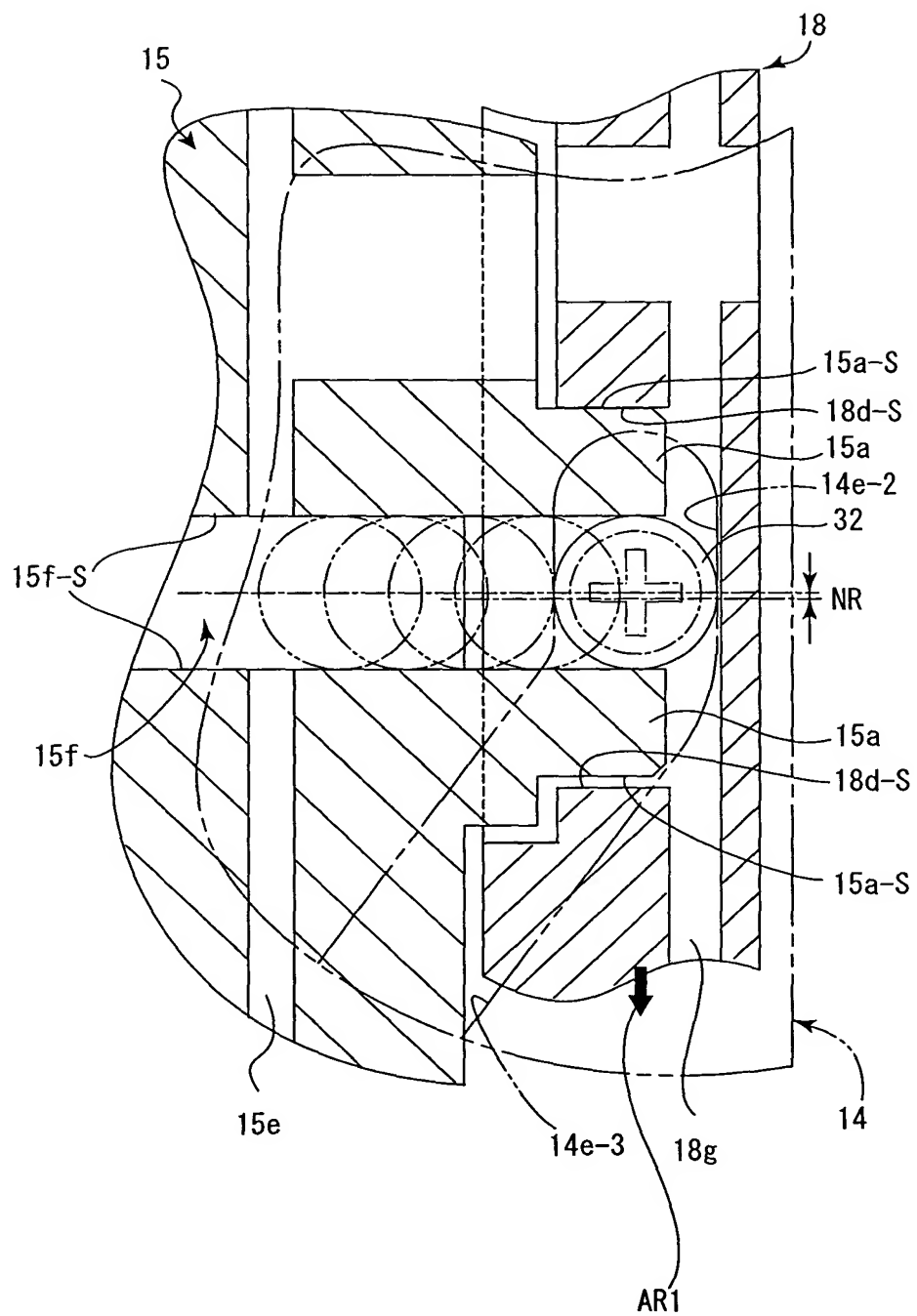


Fig. 66

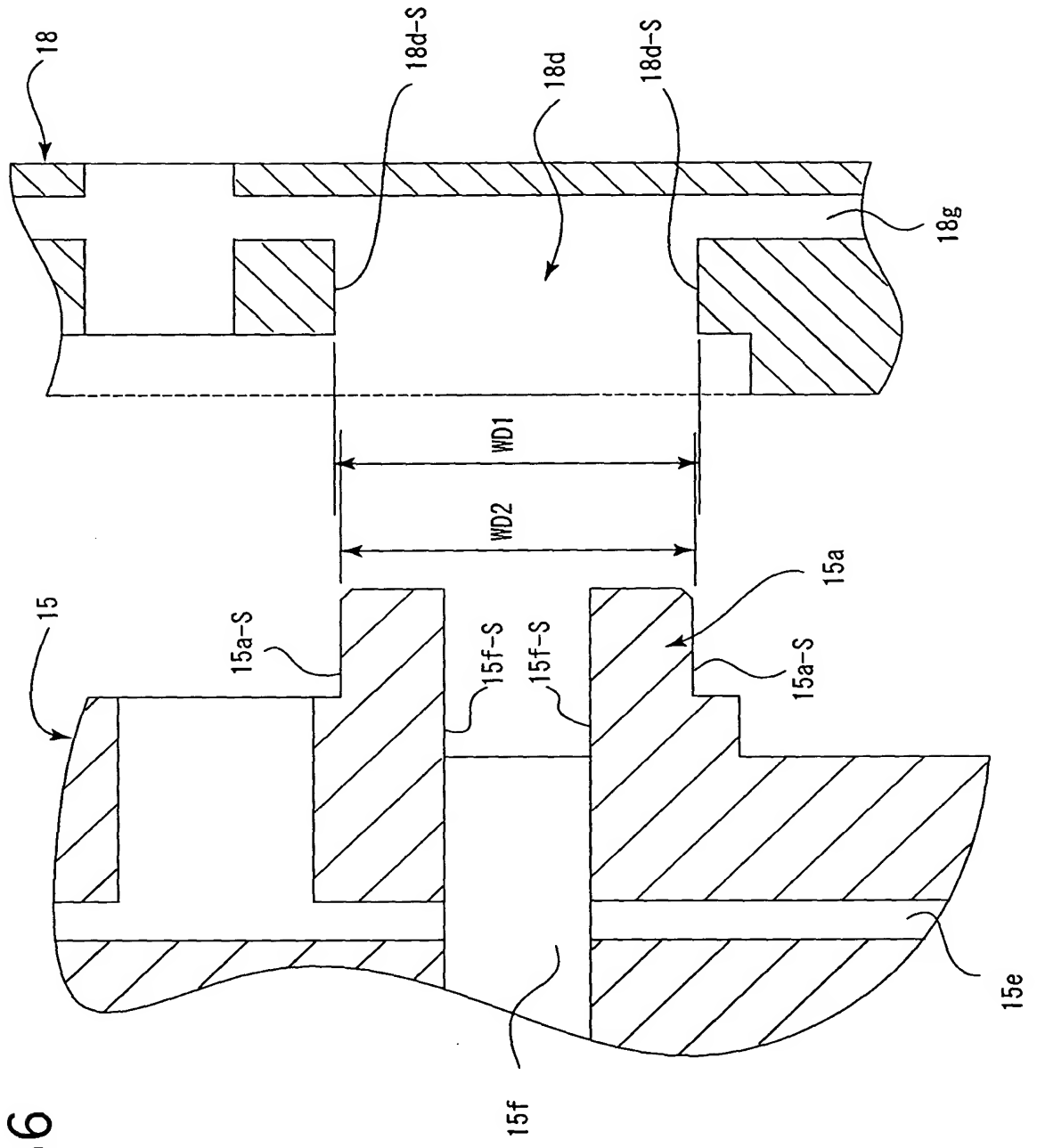


Fig. 67

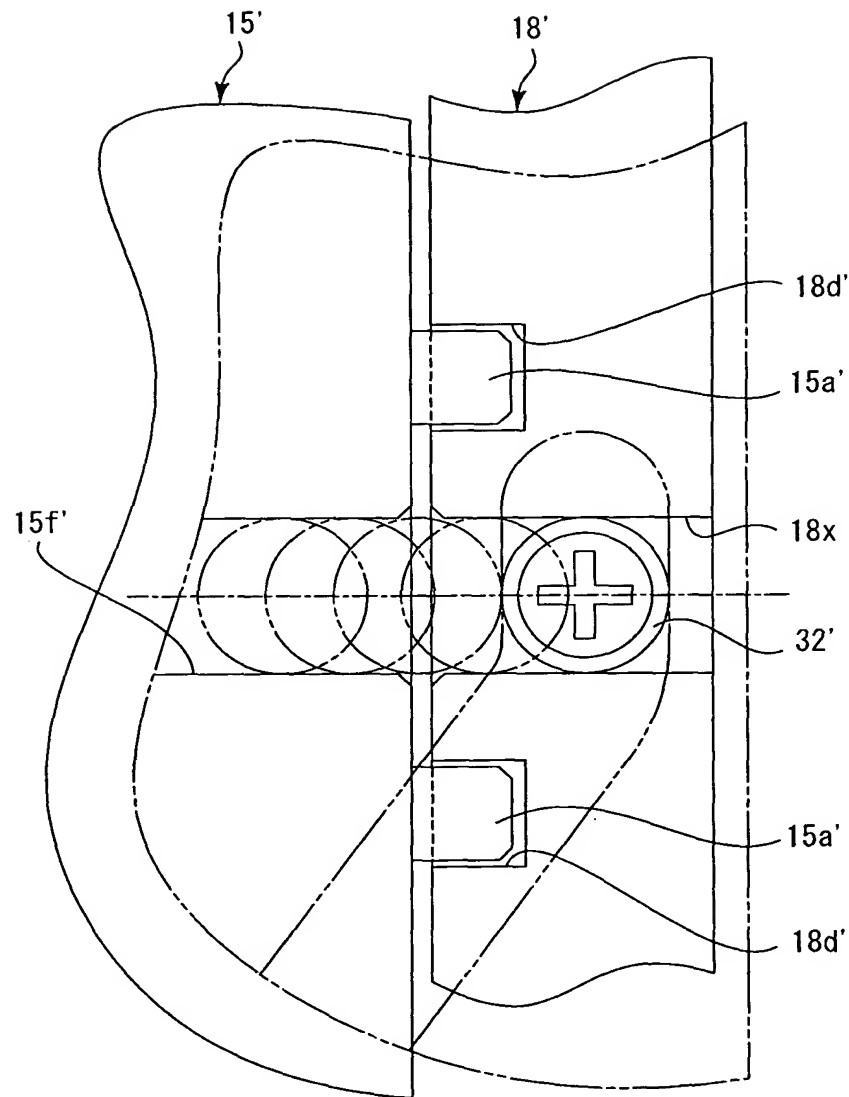


Fig. 68

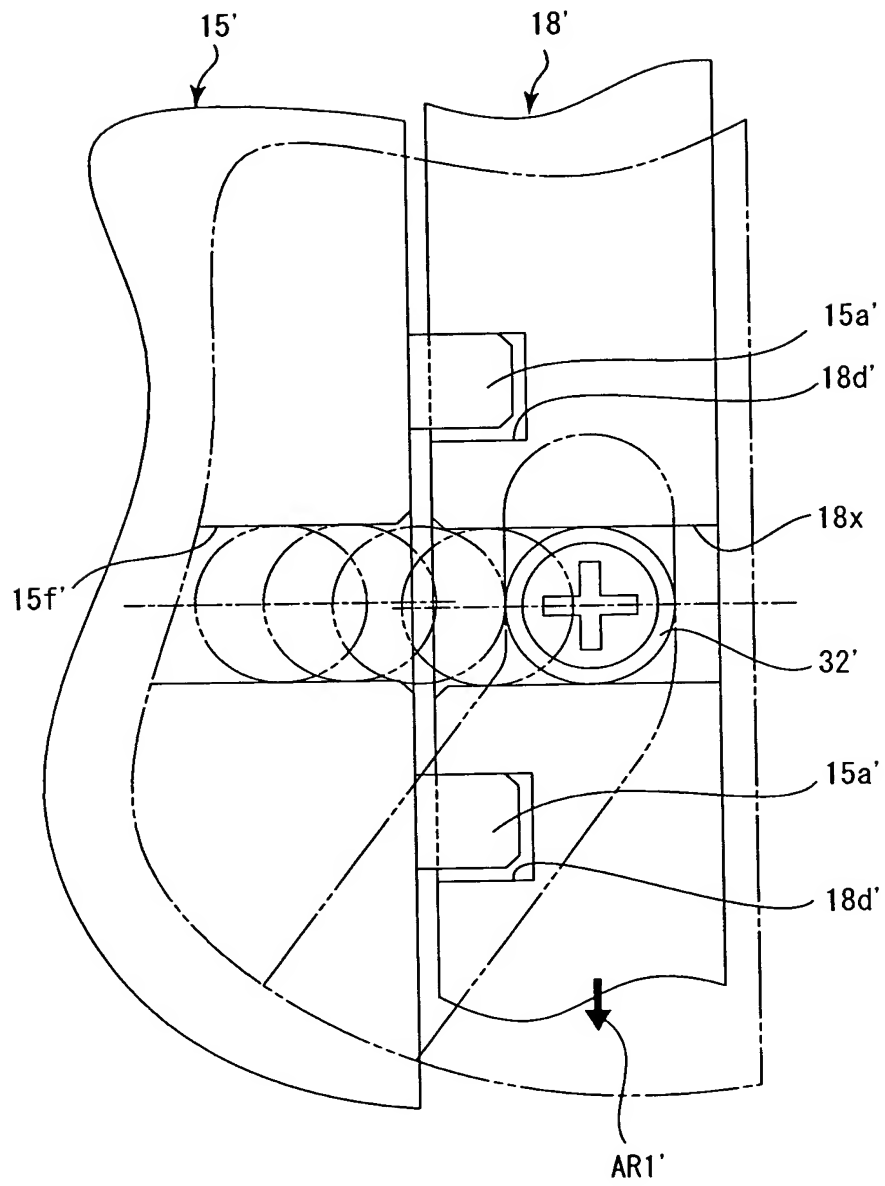


Fig. 69

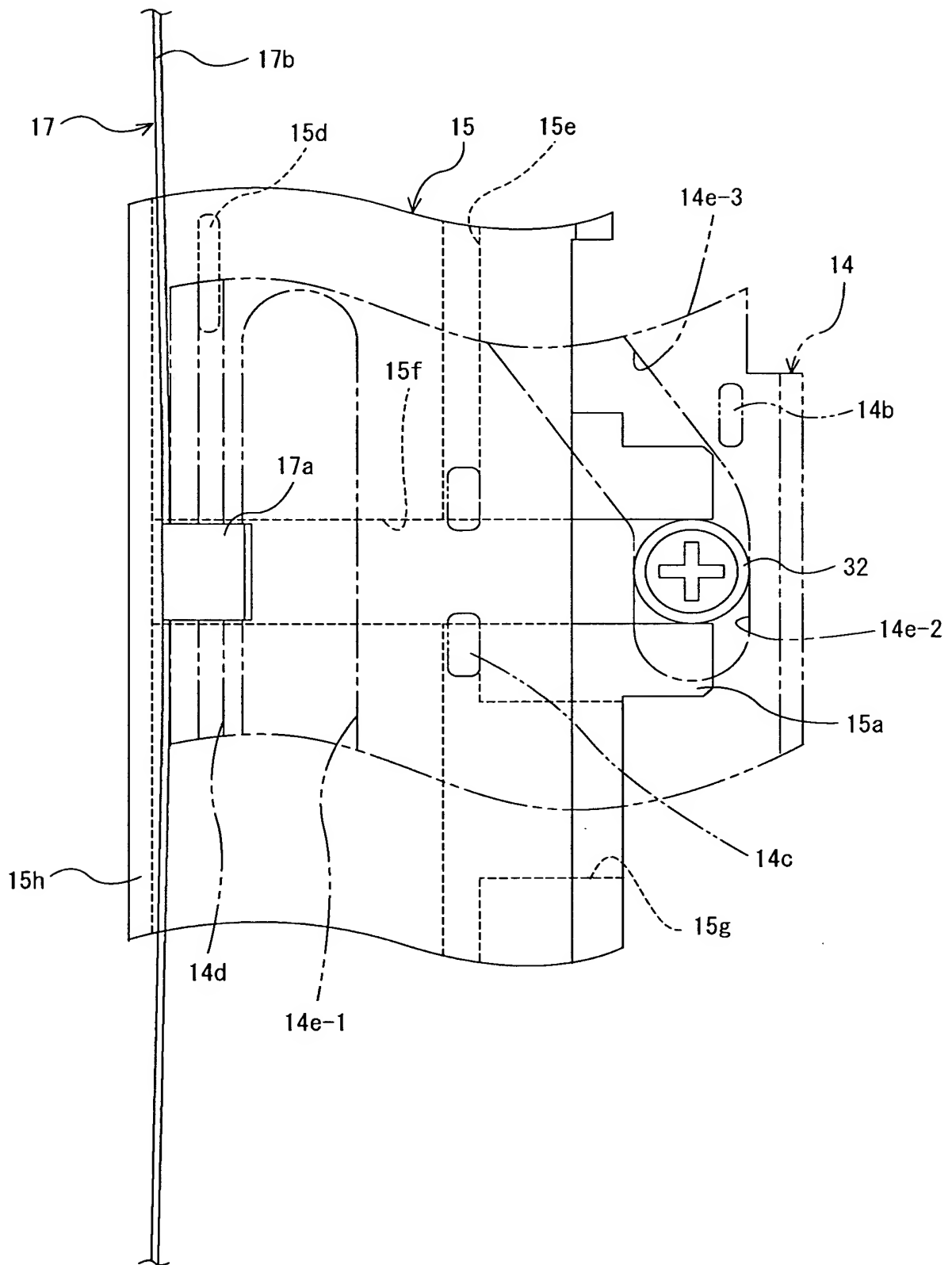


Fig. 70

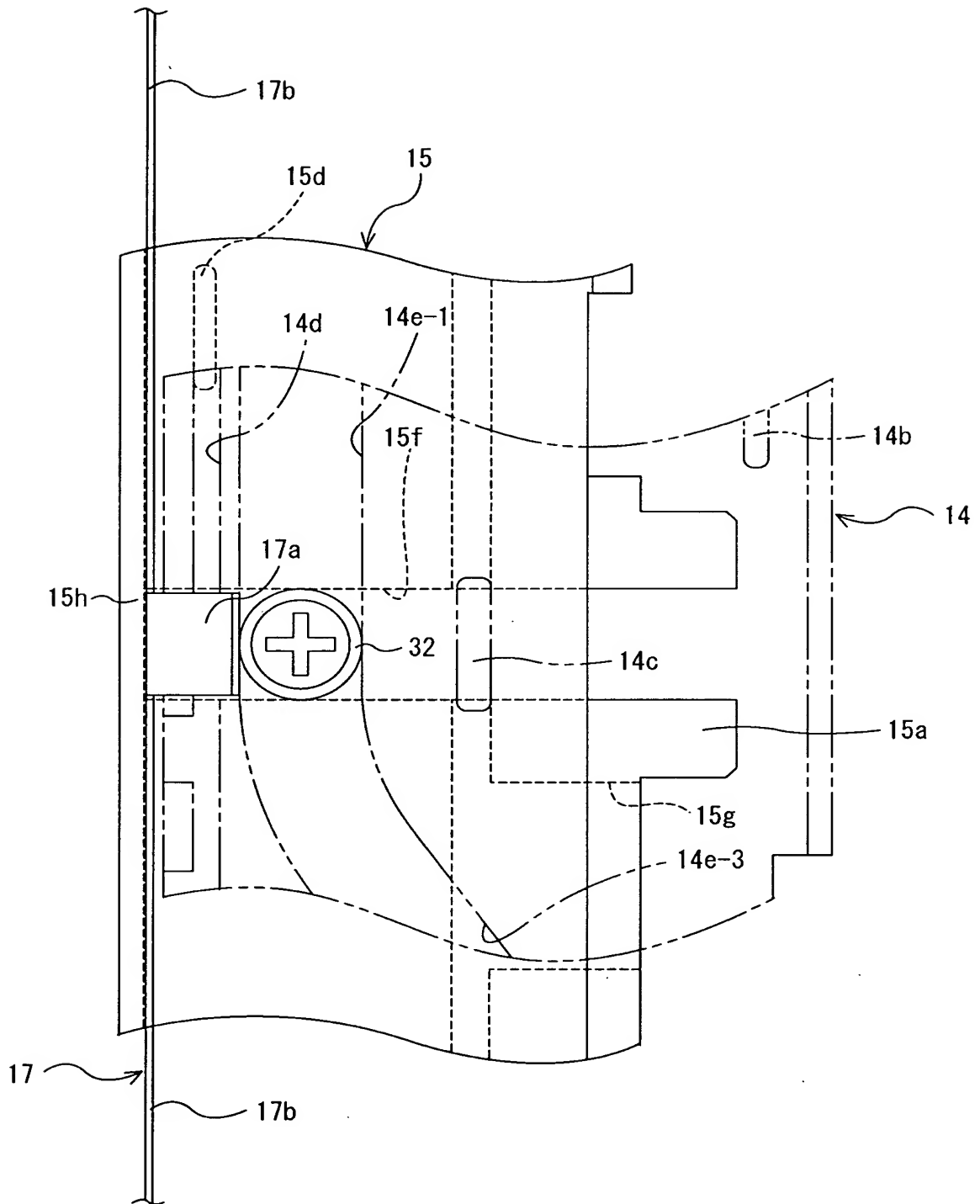


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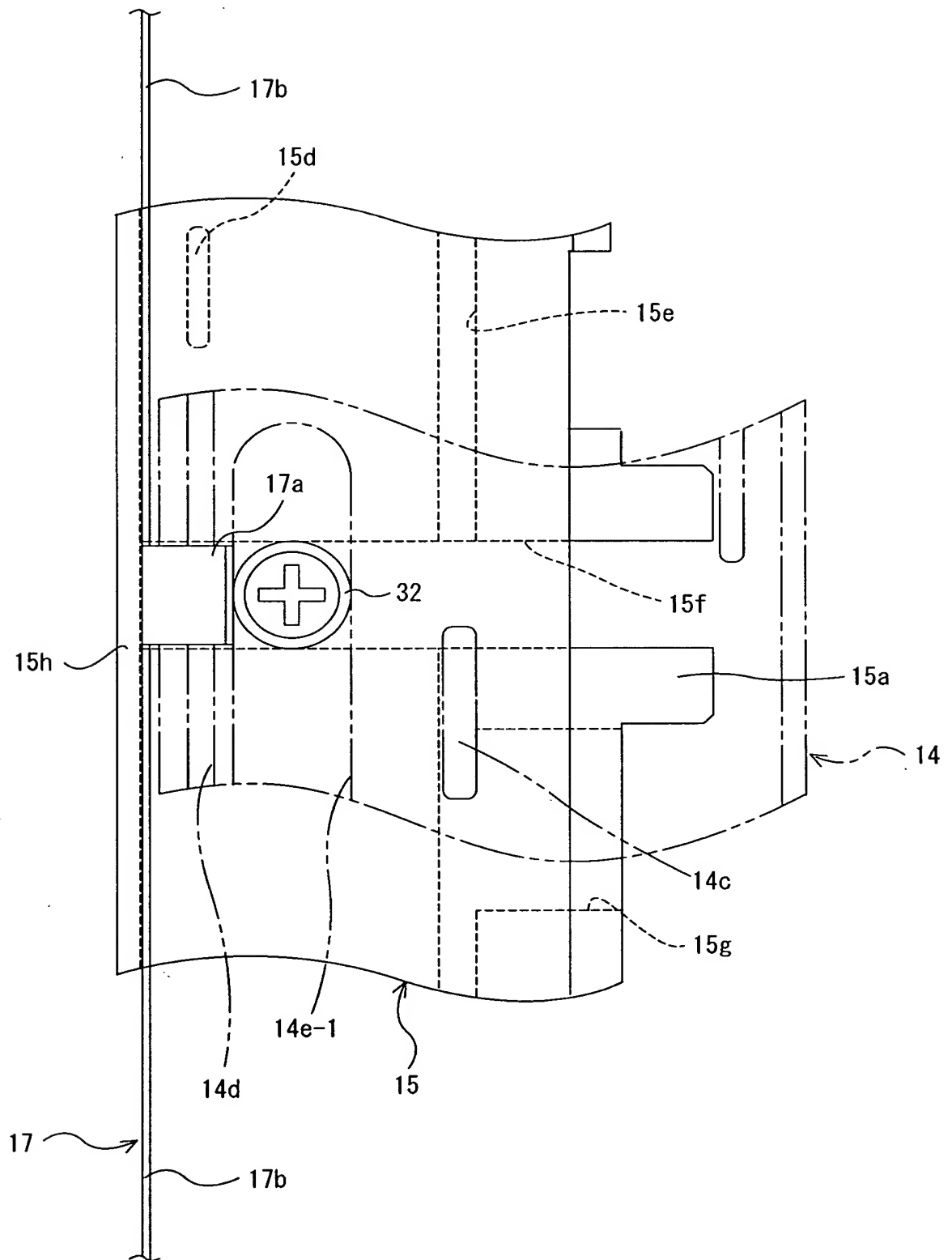


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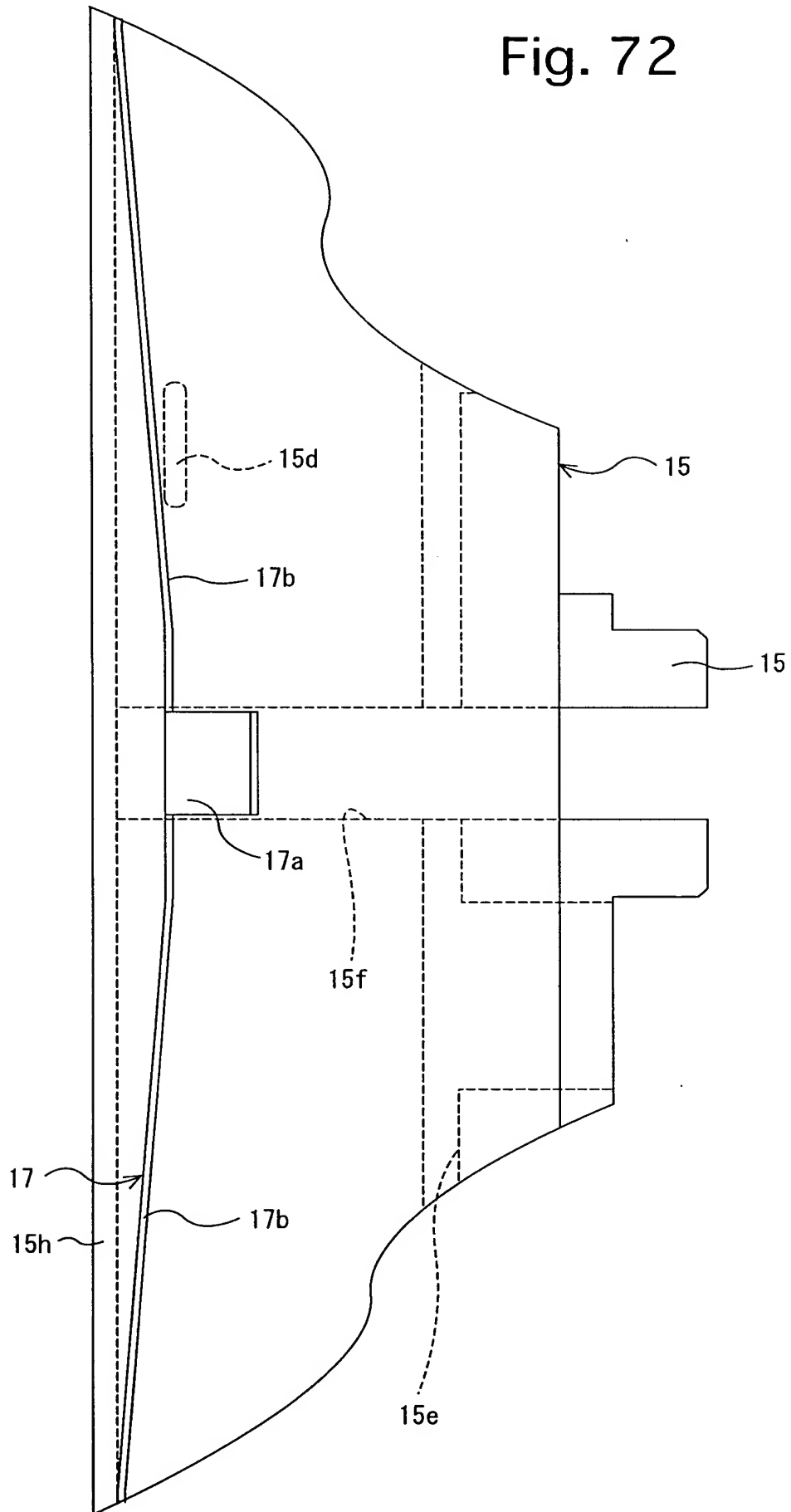


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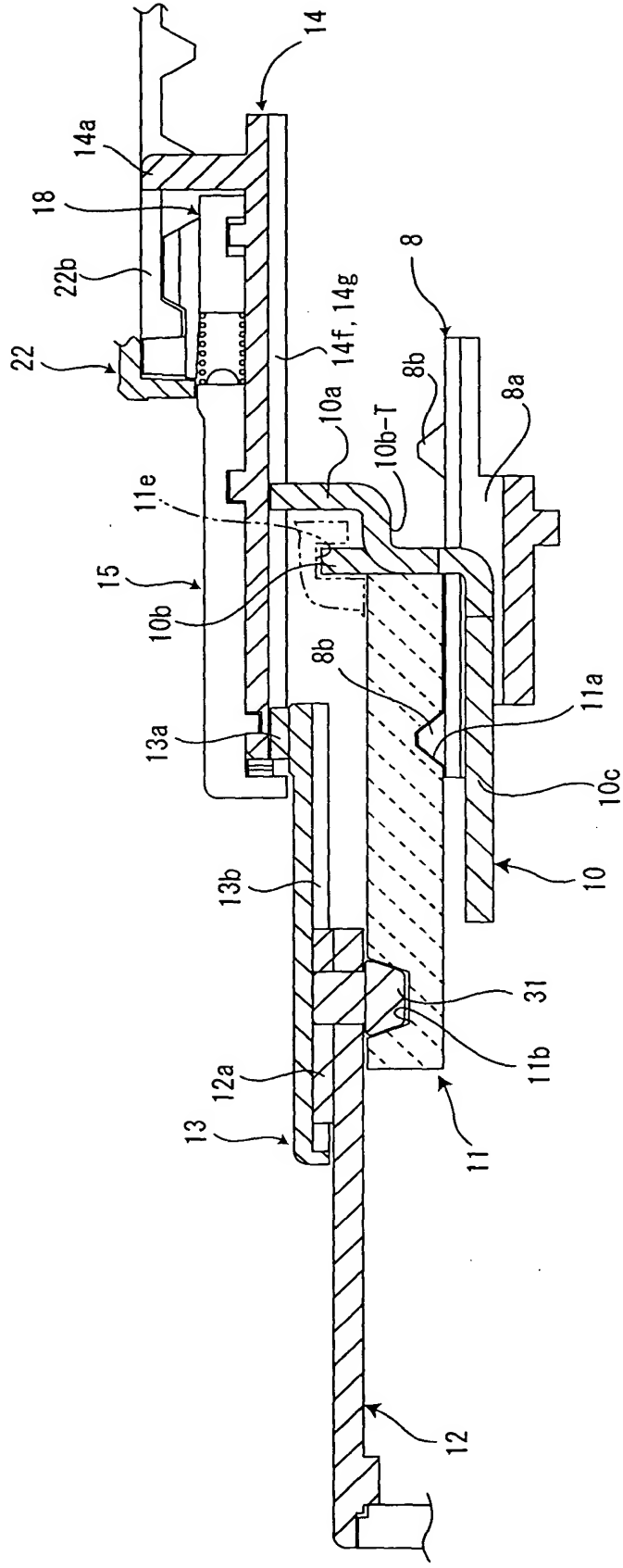


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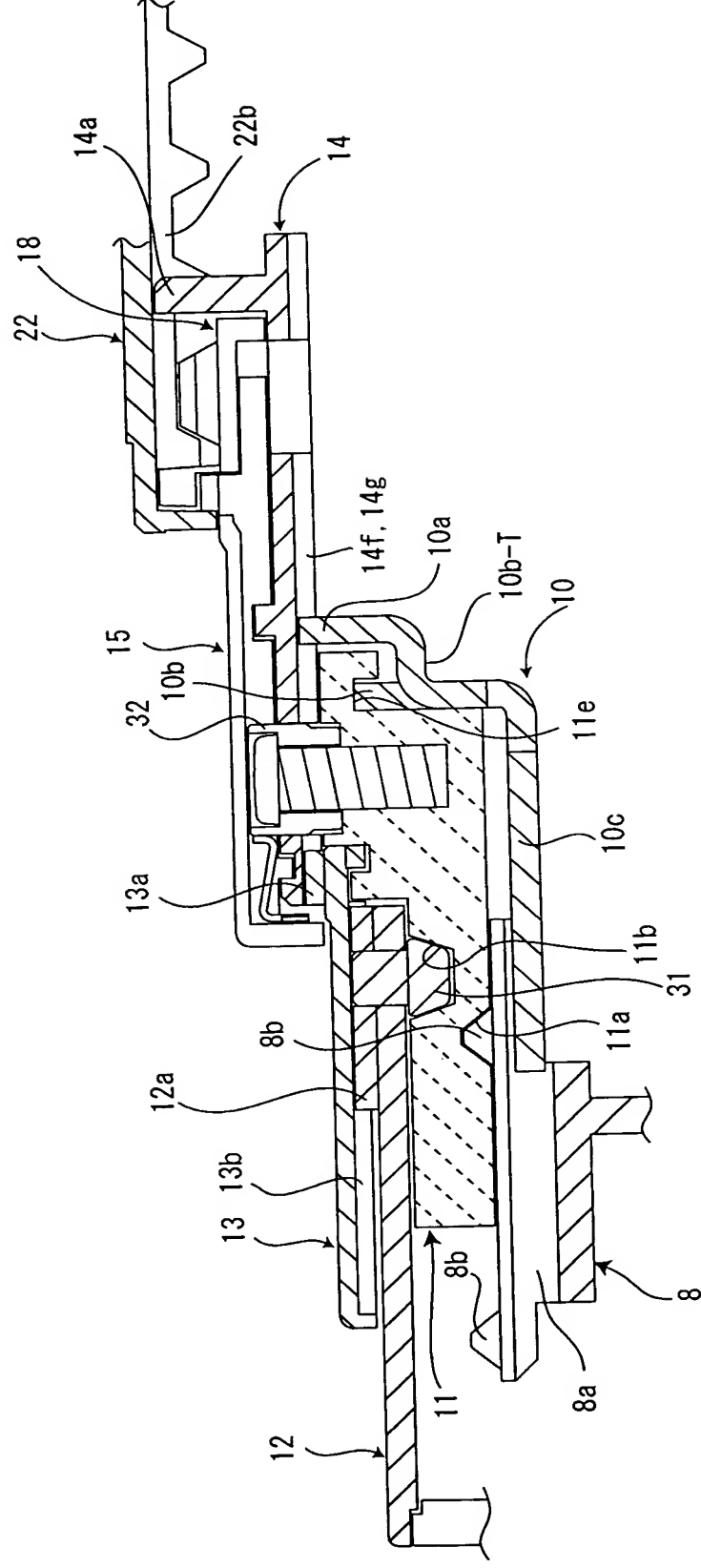


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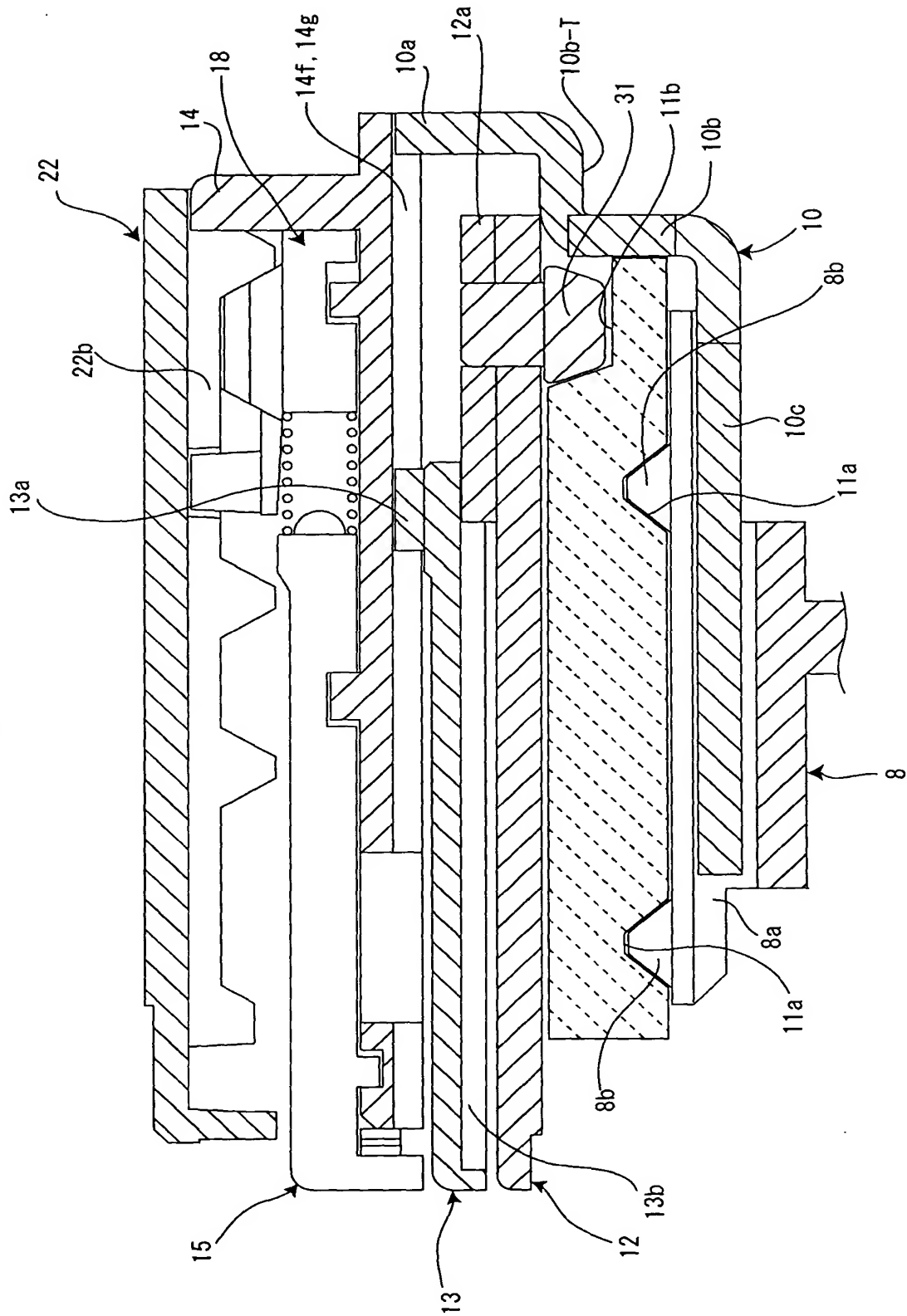


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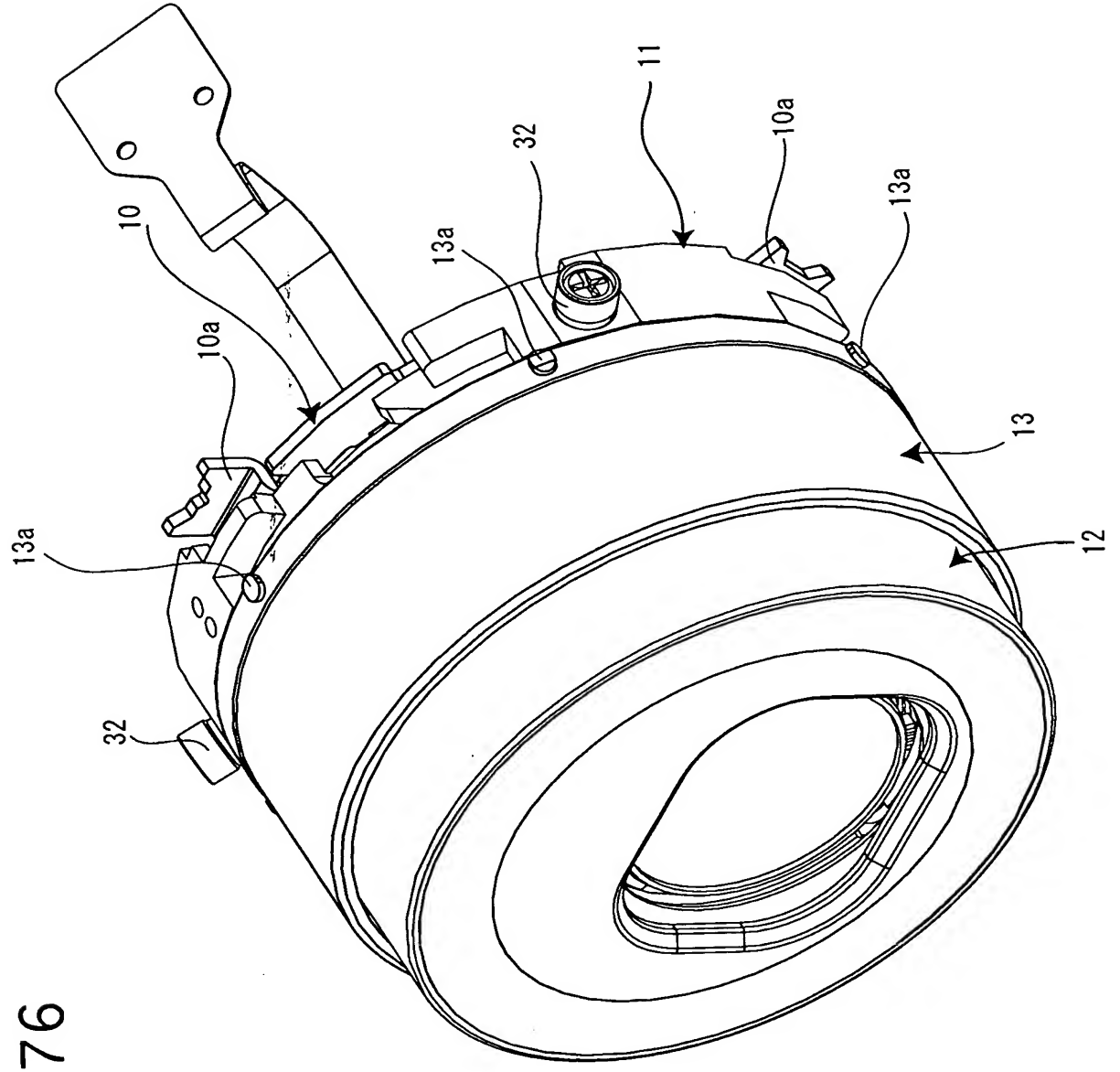


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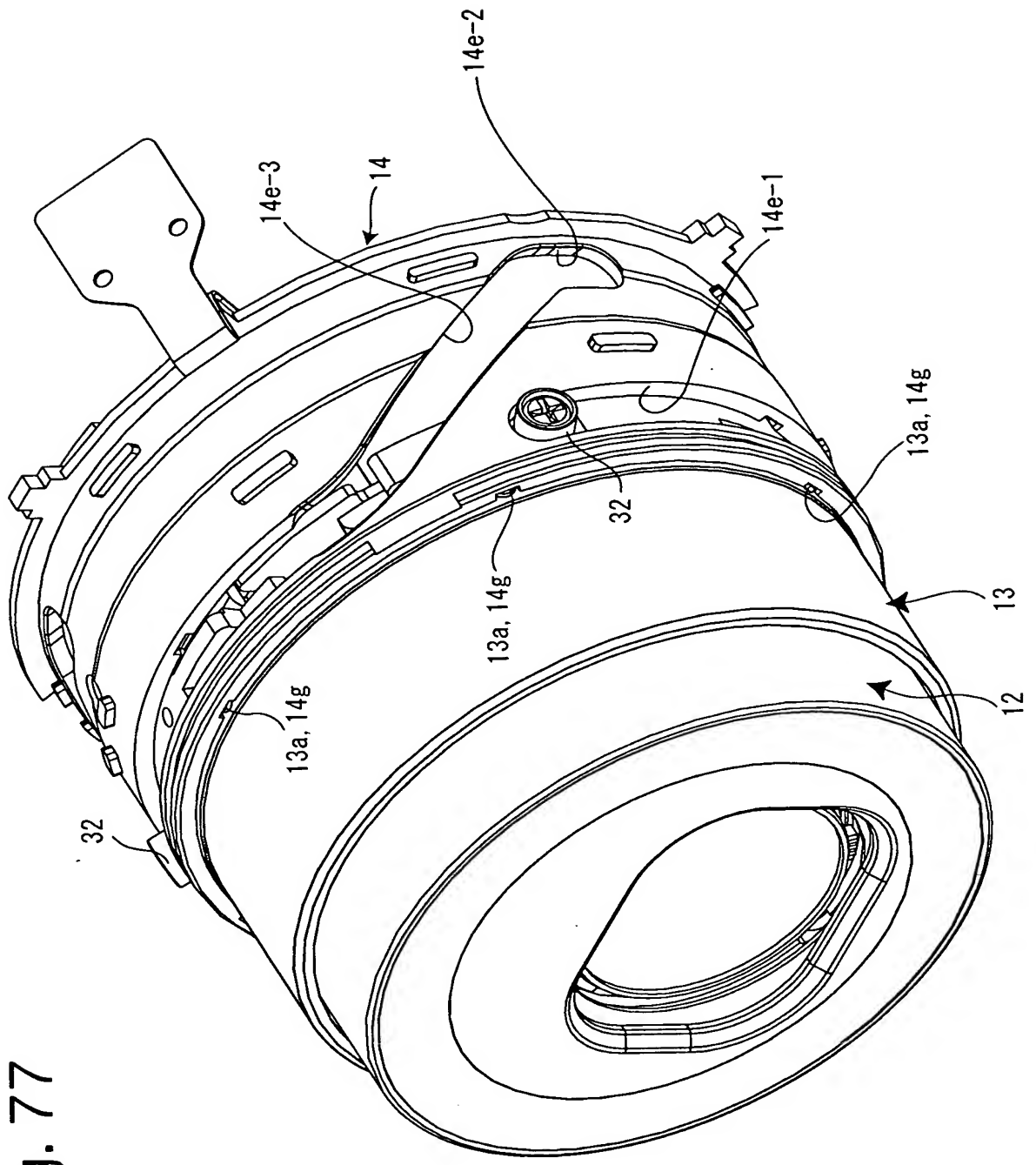


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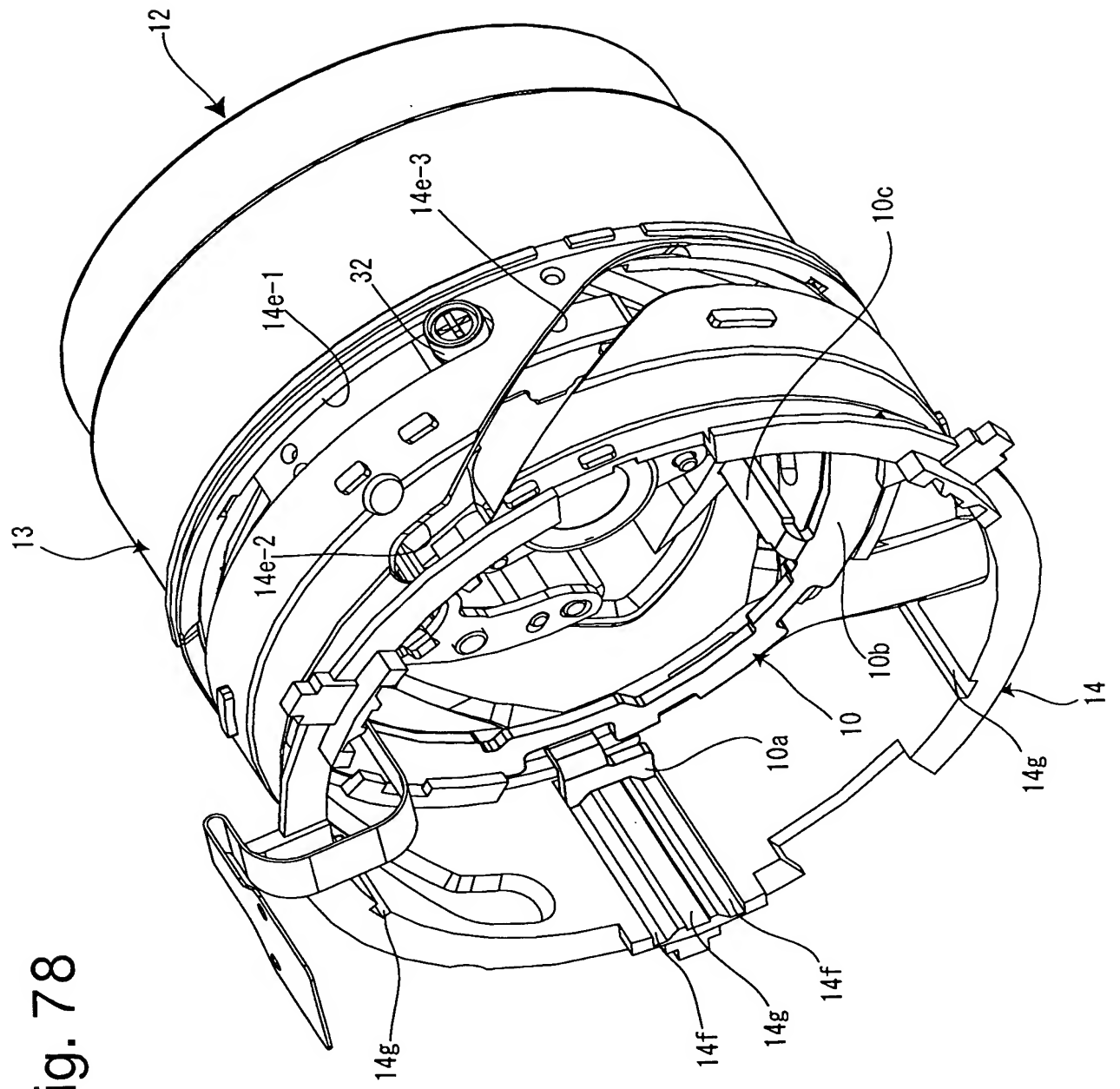


Fig . 79

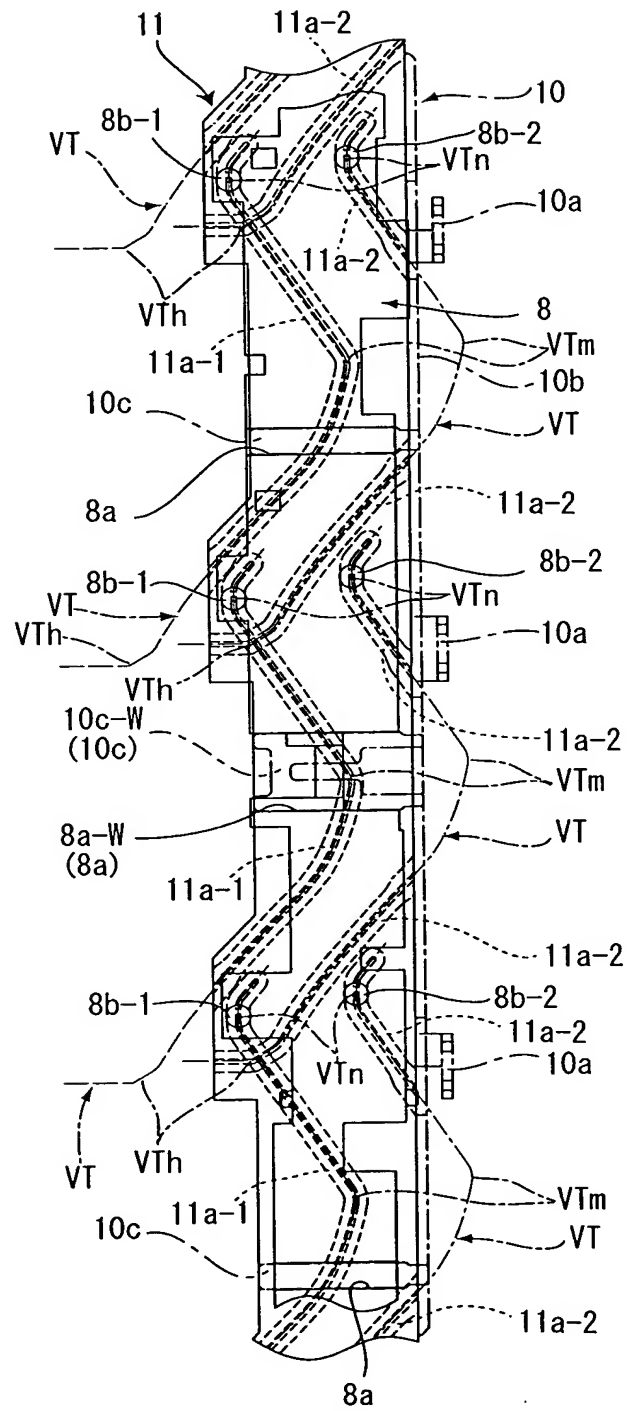


Fig . 80

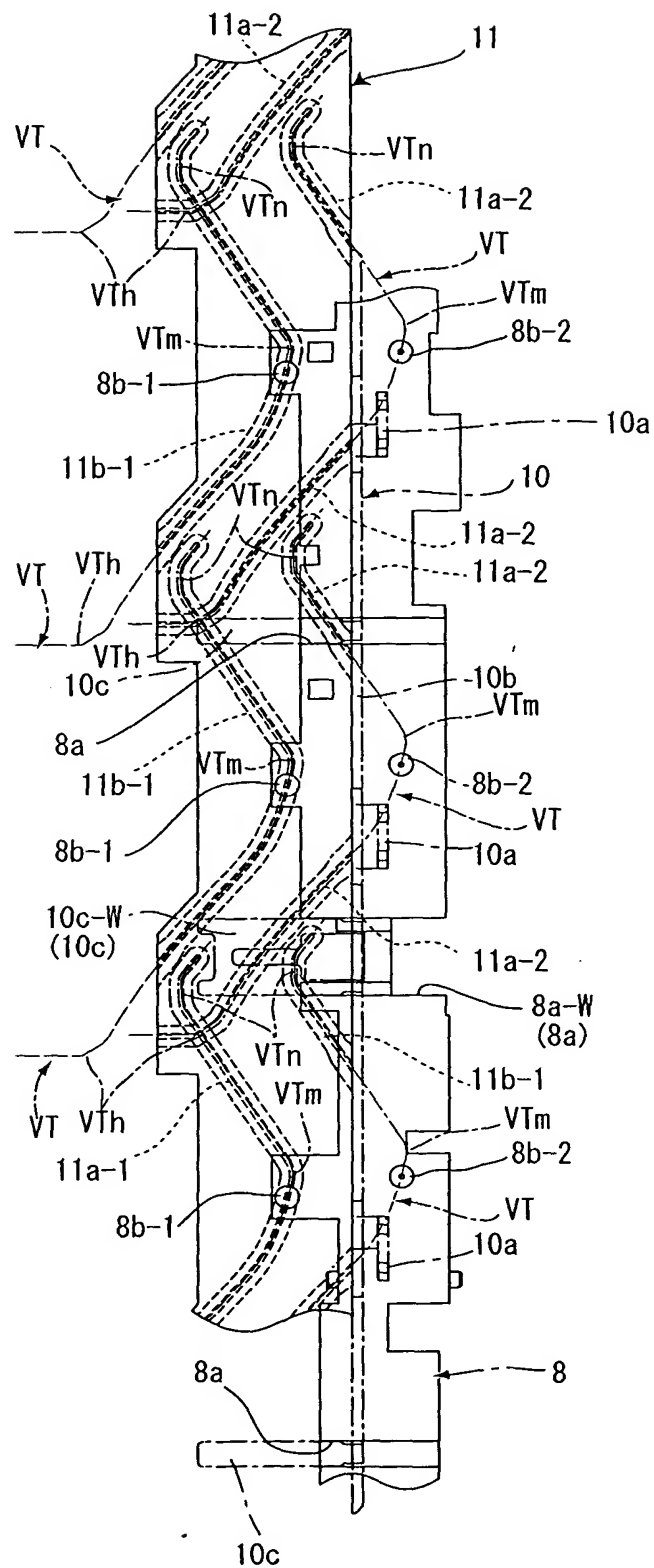


Fig . 81

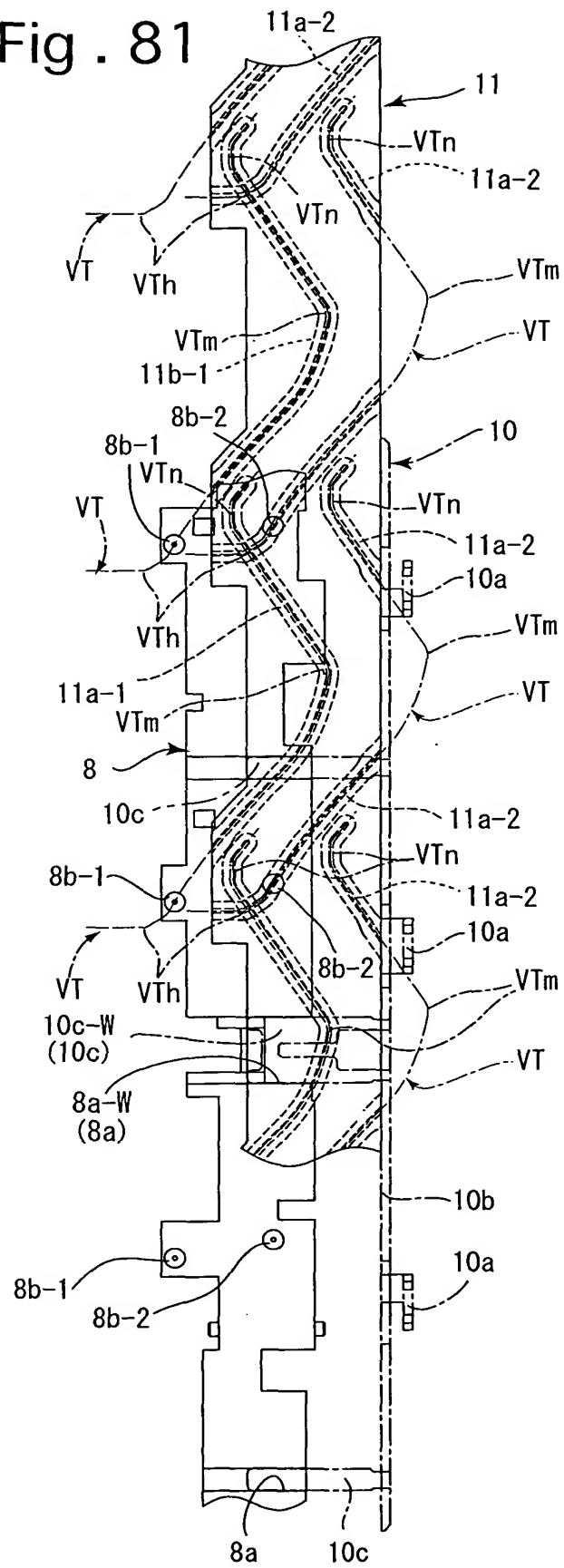


Fig . 82

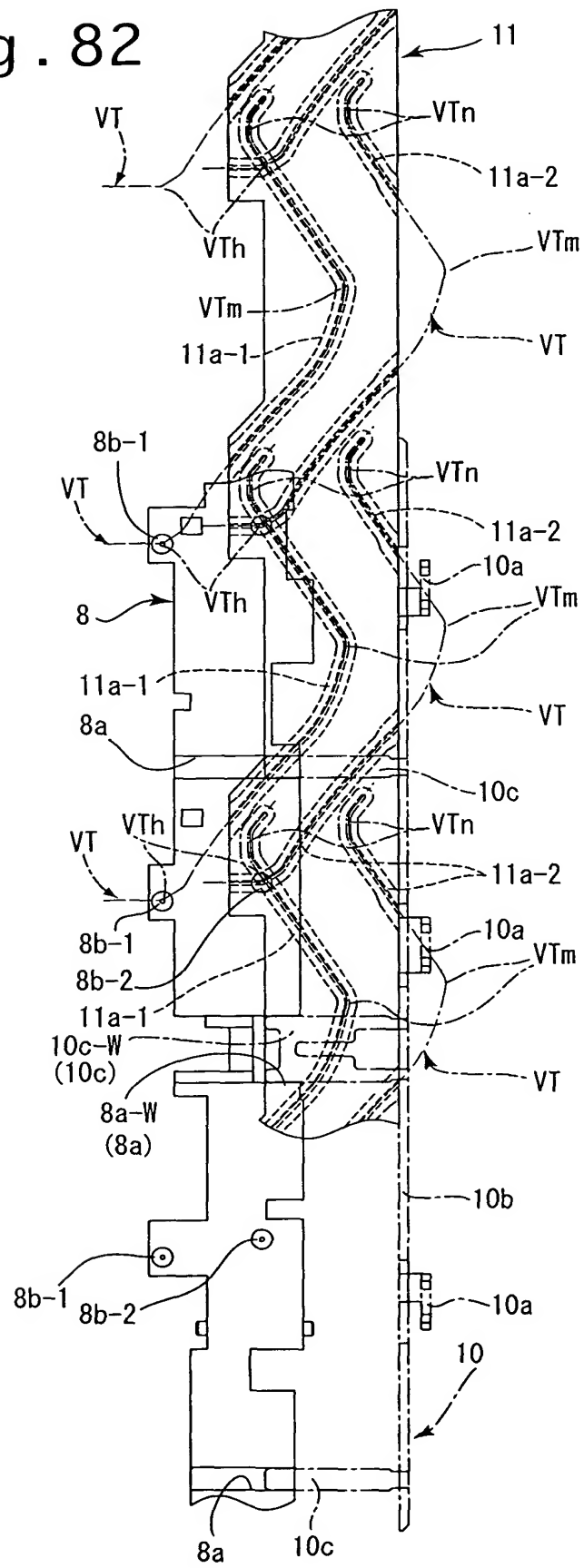
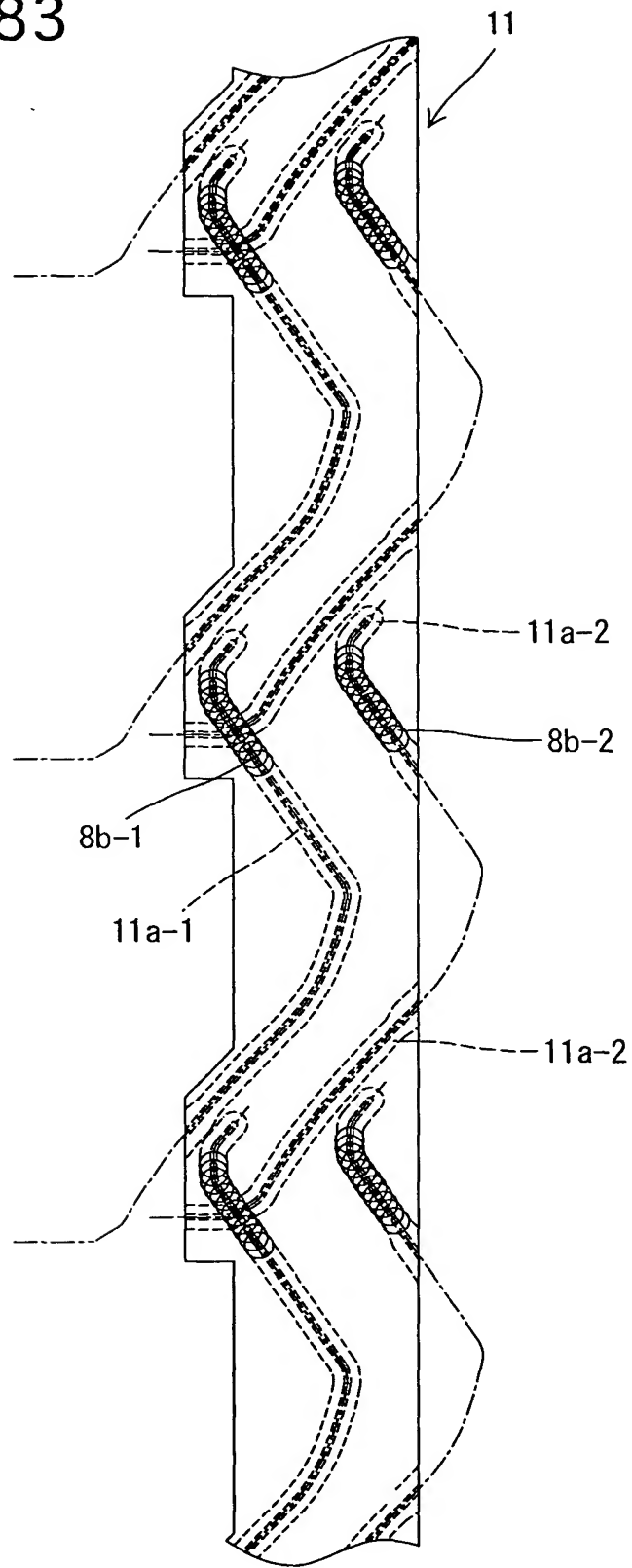


Fig. 83



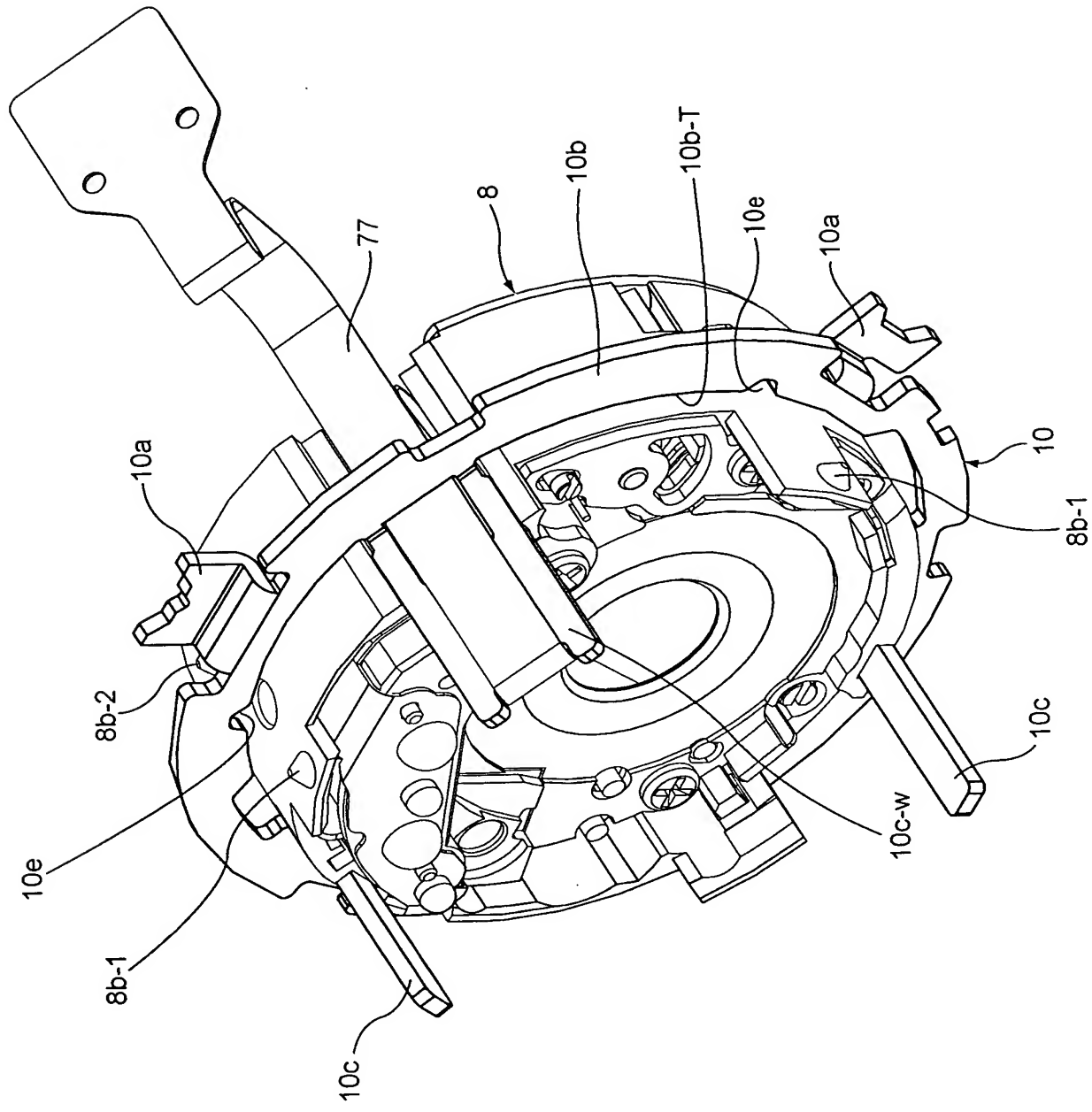


Fig. 84

Fig. 85

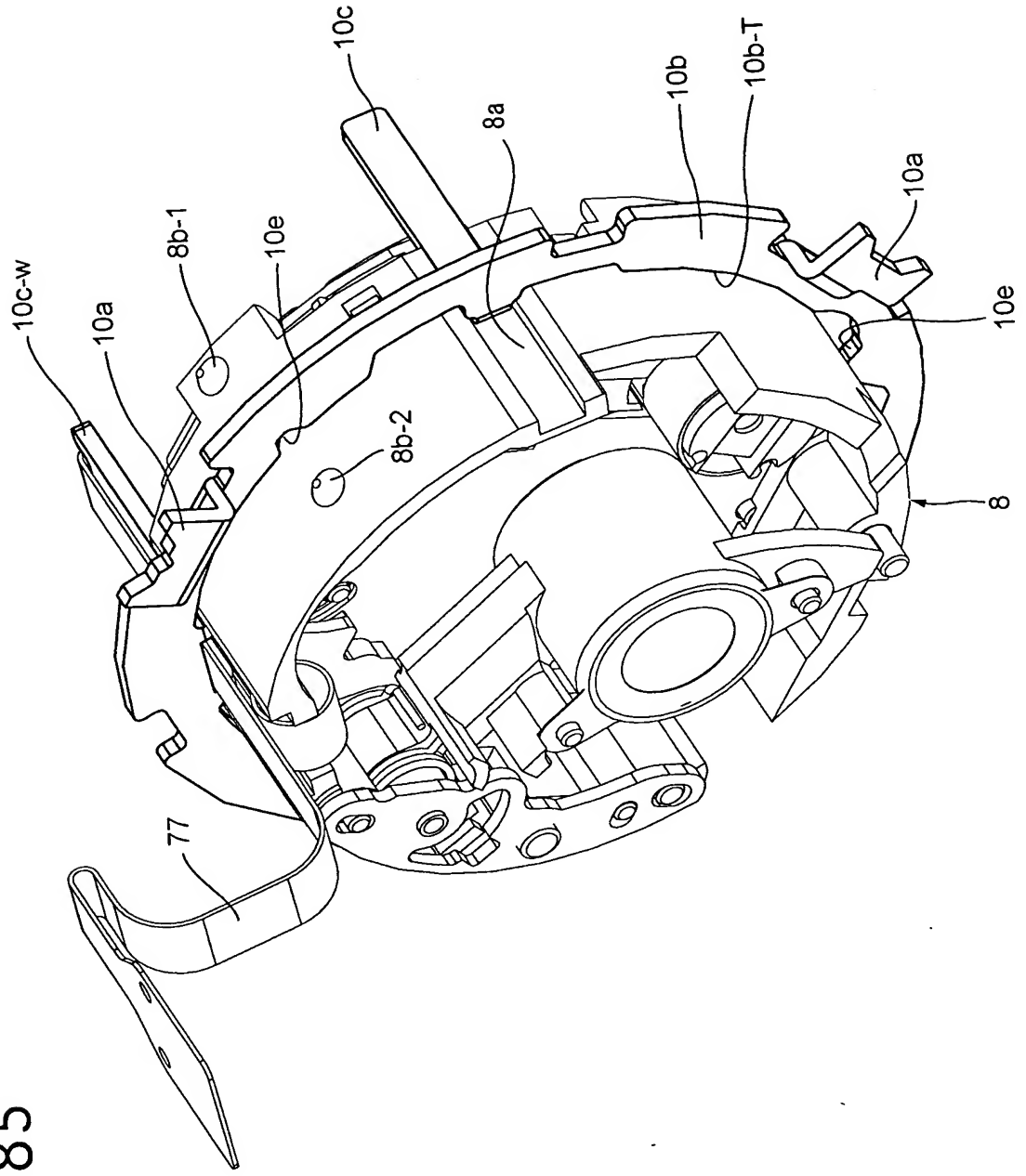


Fig. 86

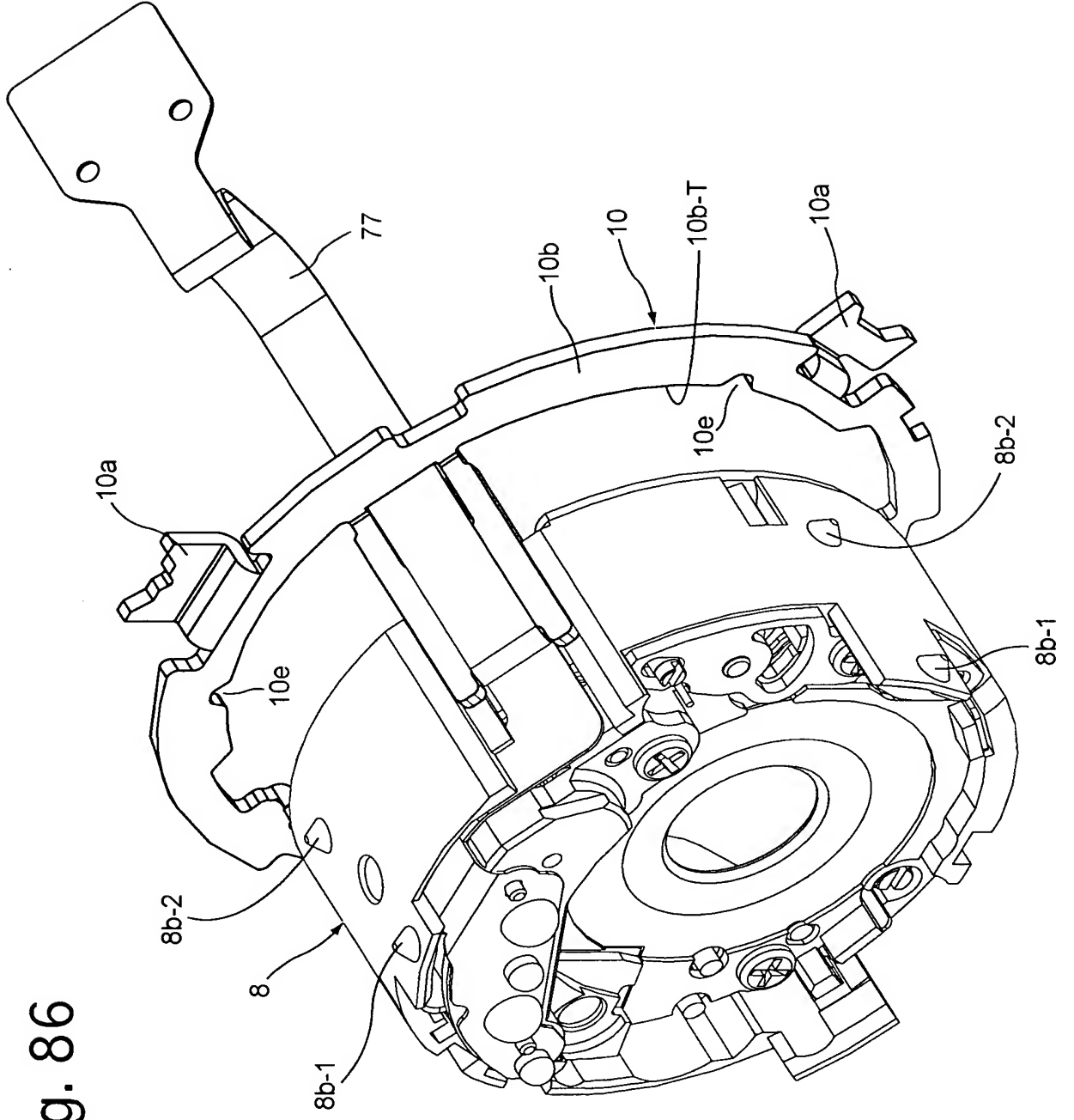


Fig. 87

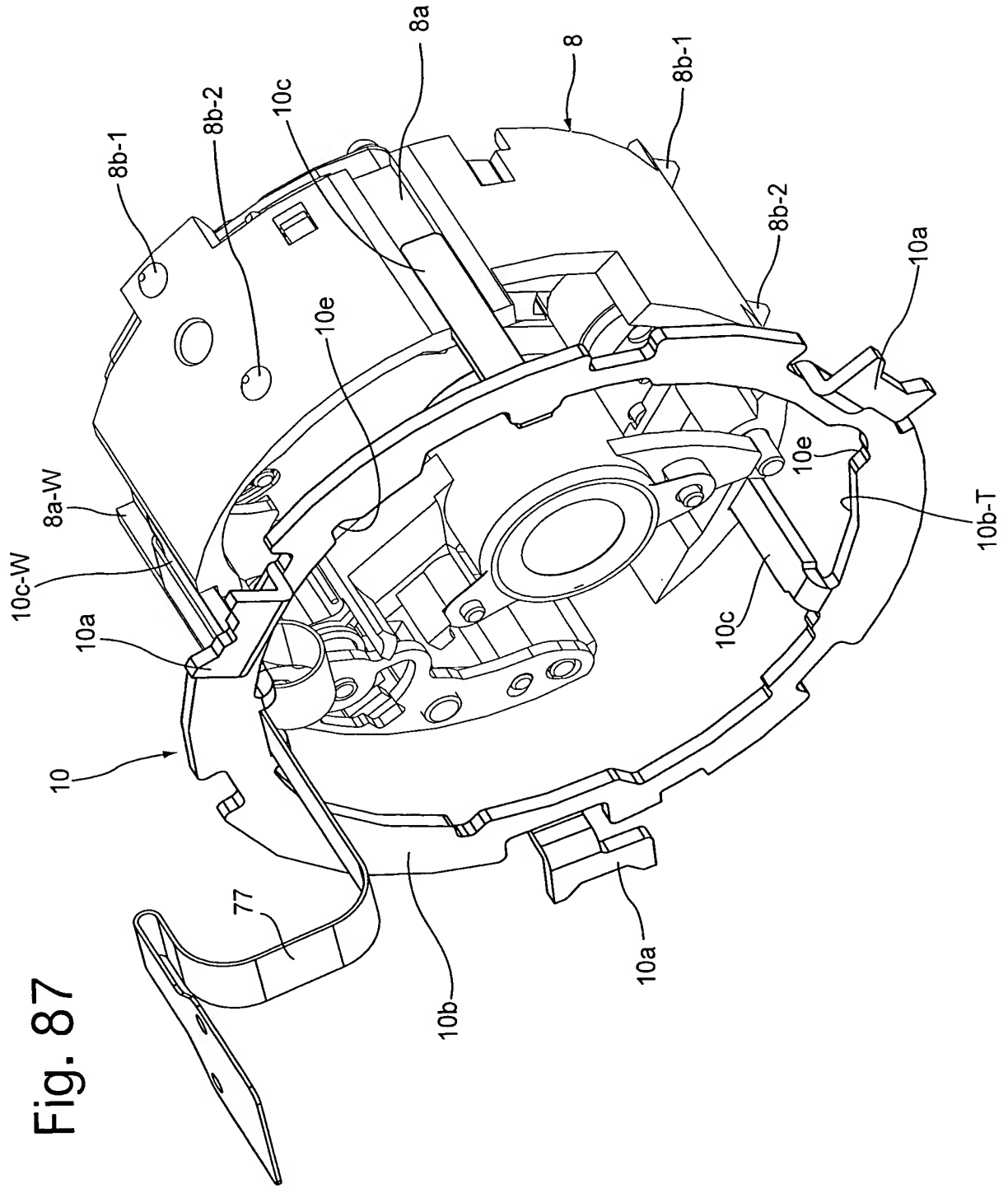


Fig. 88

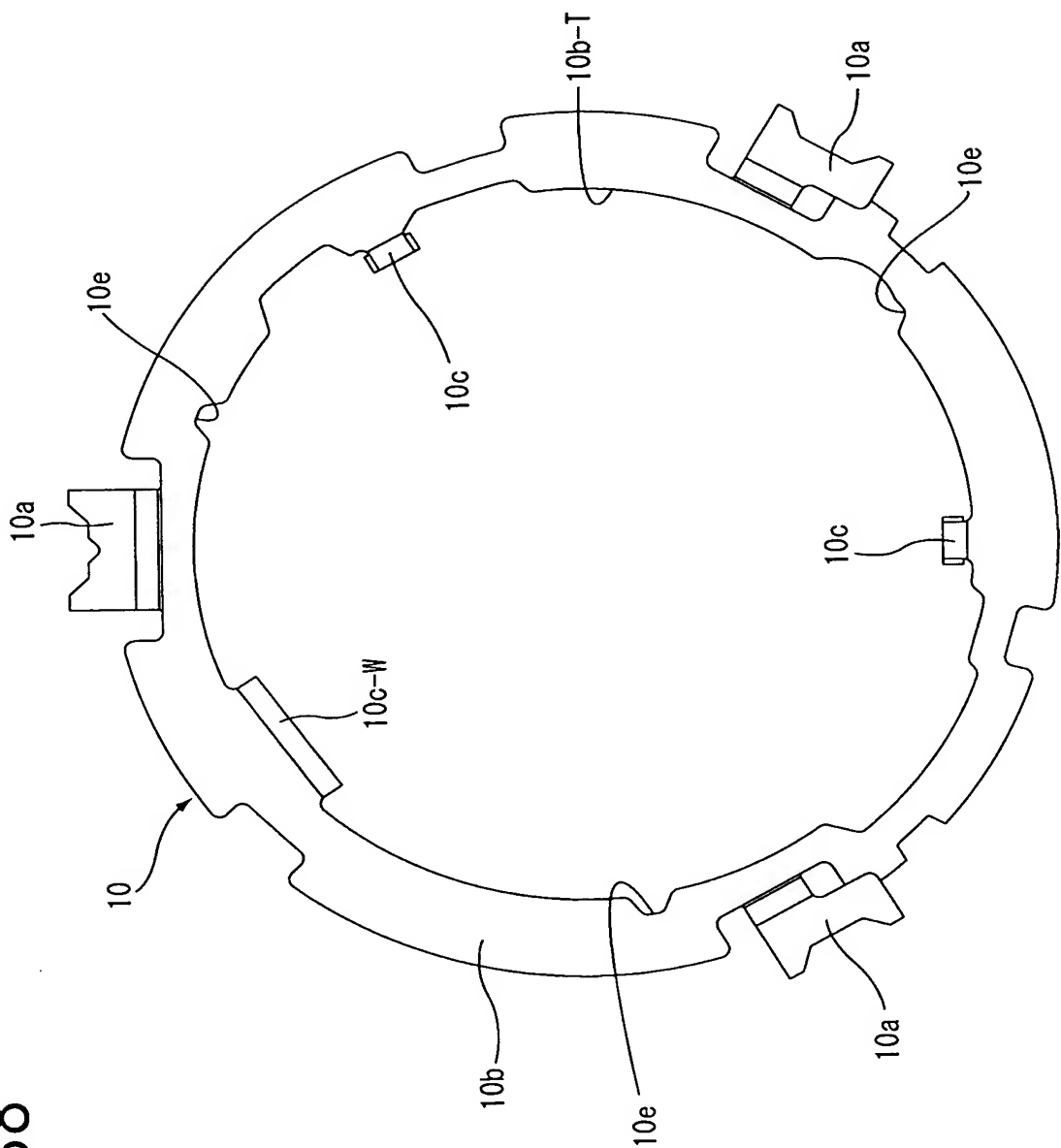


Fig. 89

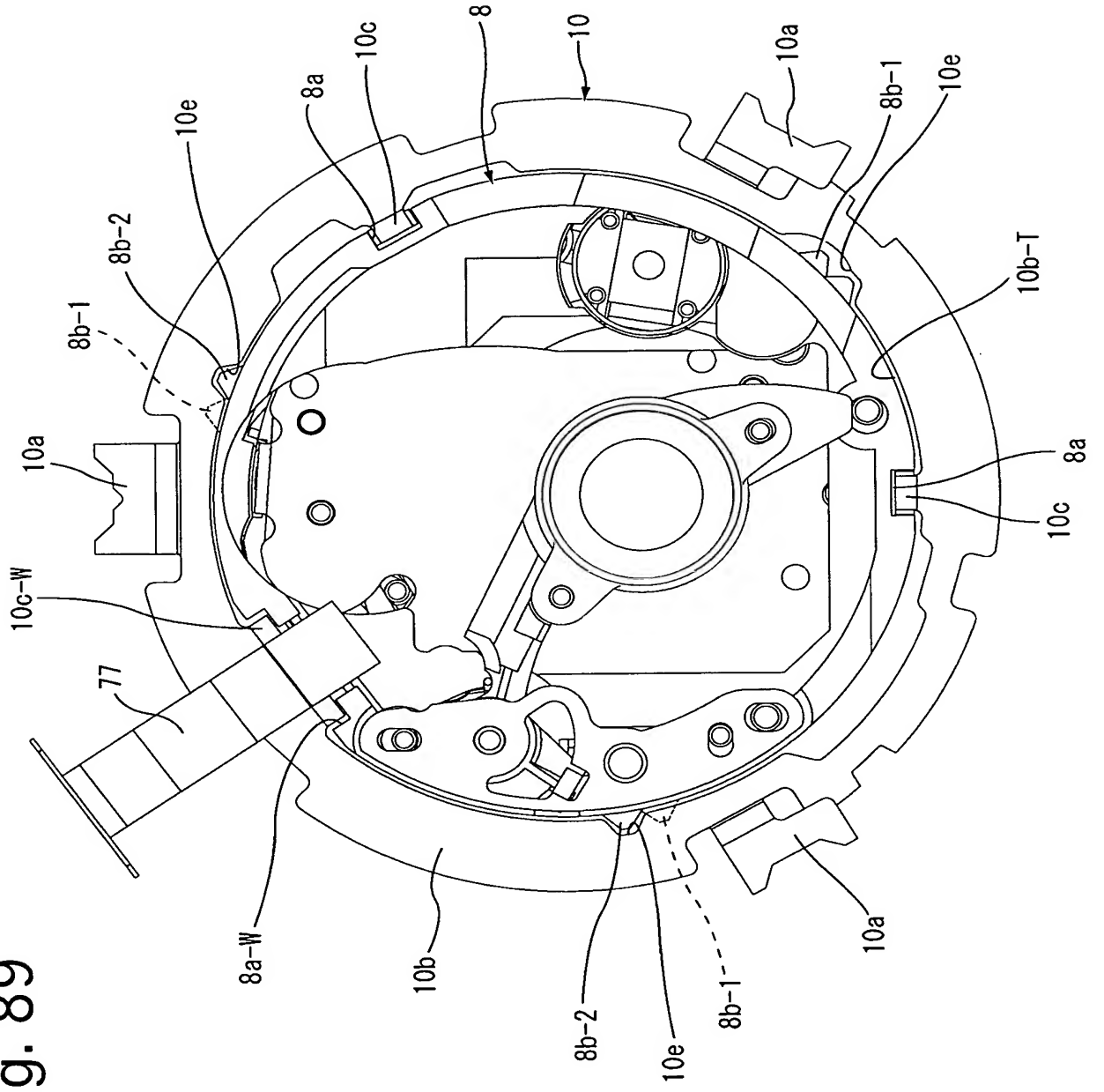


Fig. 90

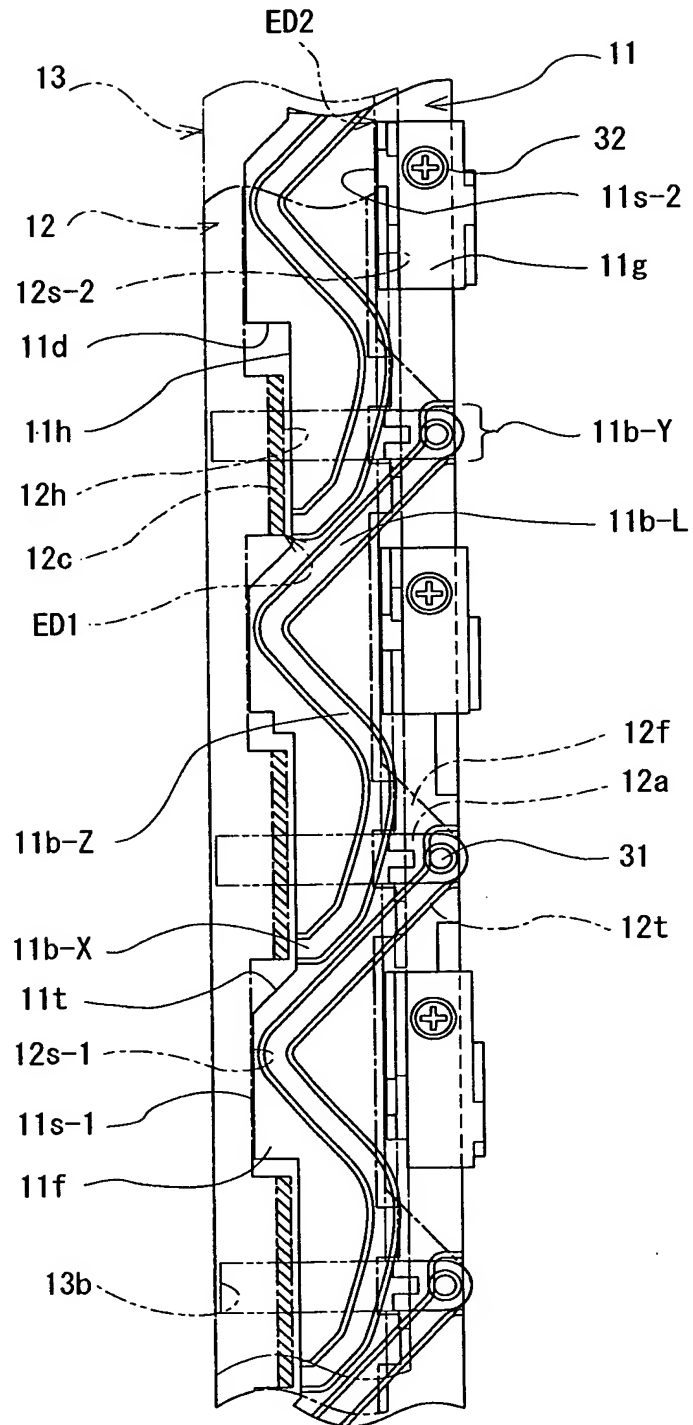


Fig. 91

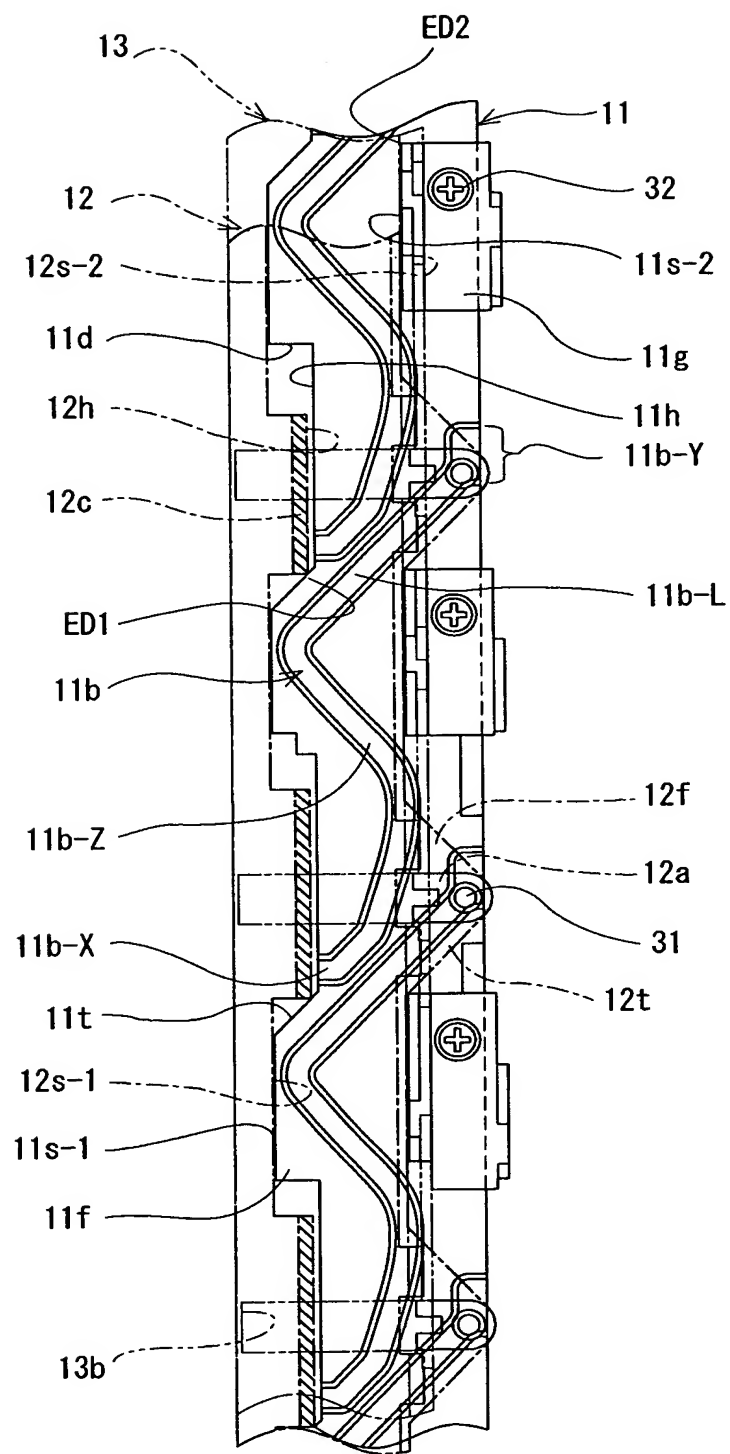
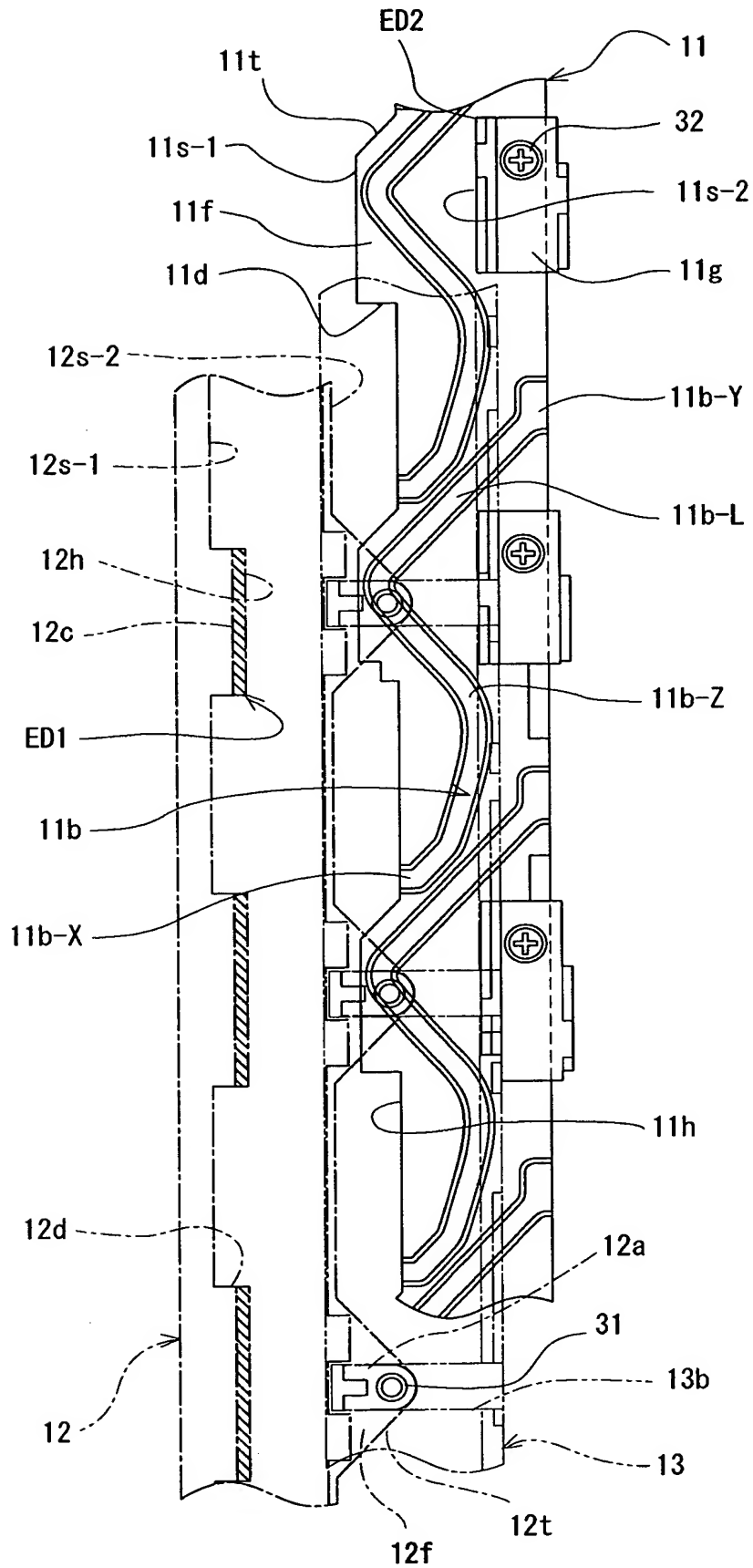


Fig. 92



4 0

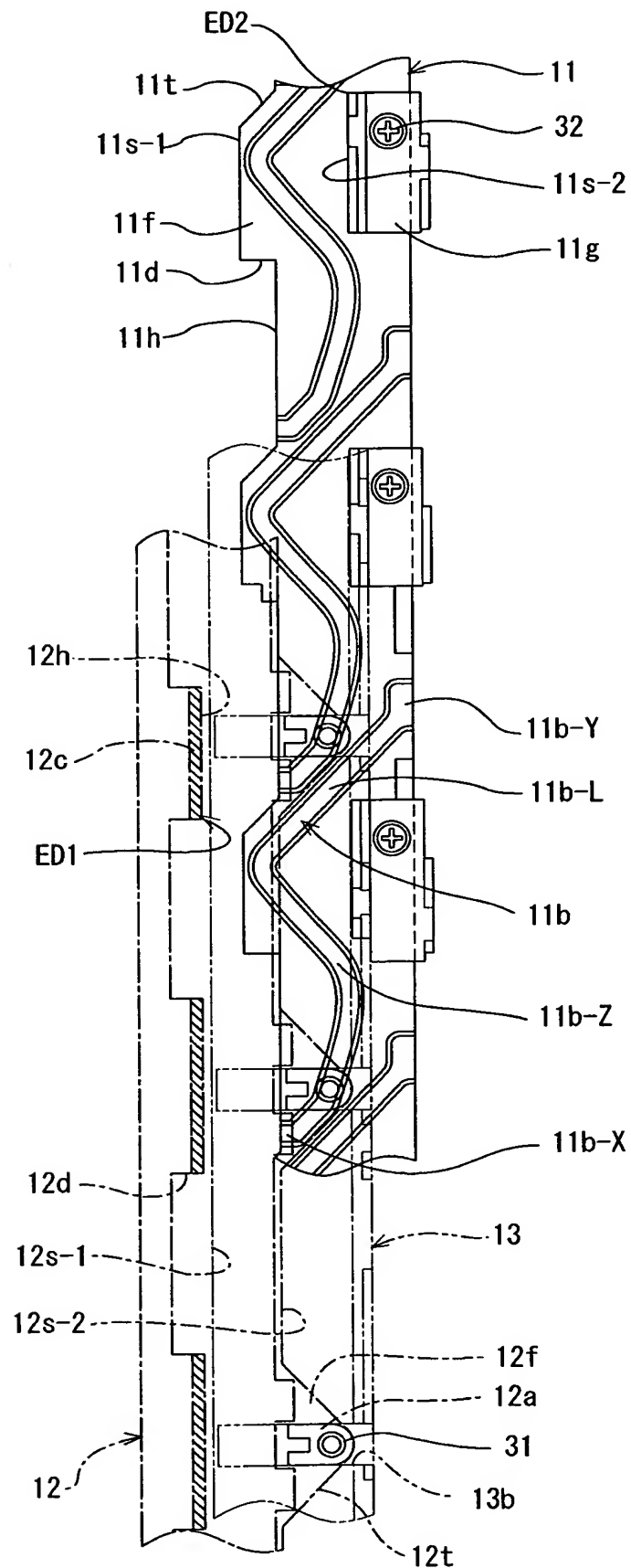


Fig. 94

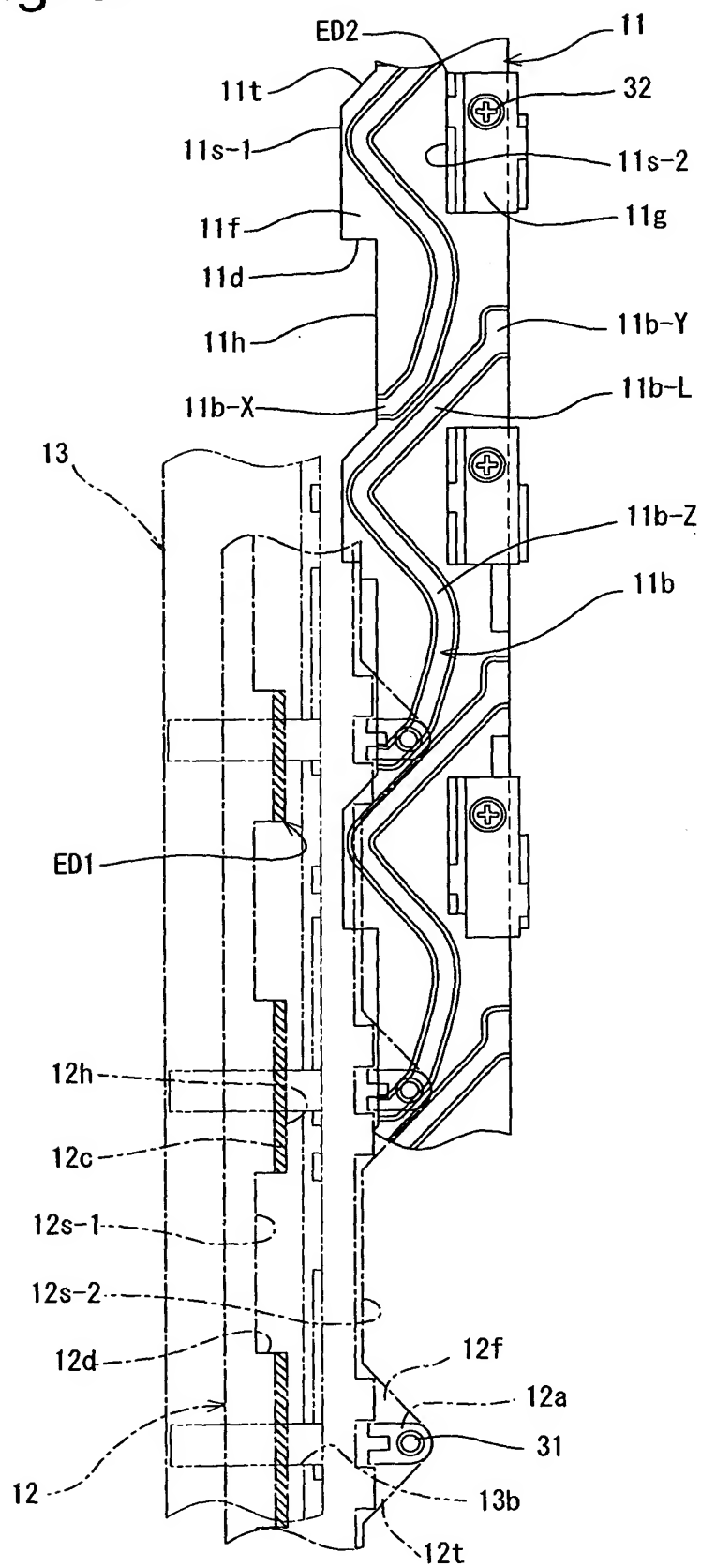


Fig. 95

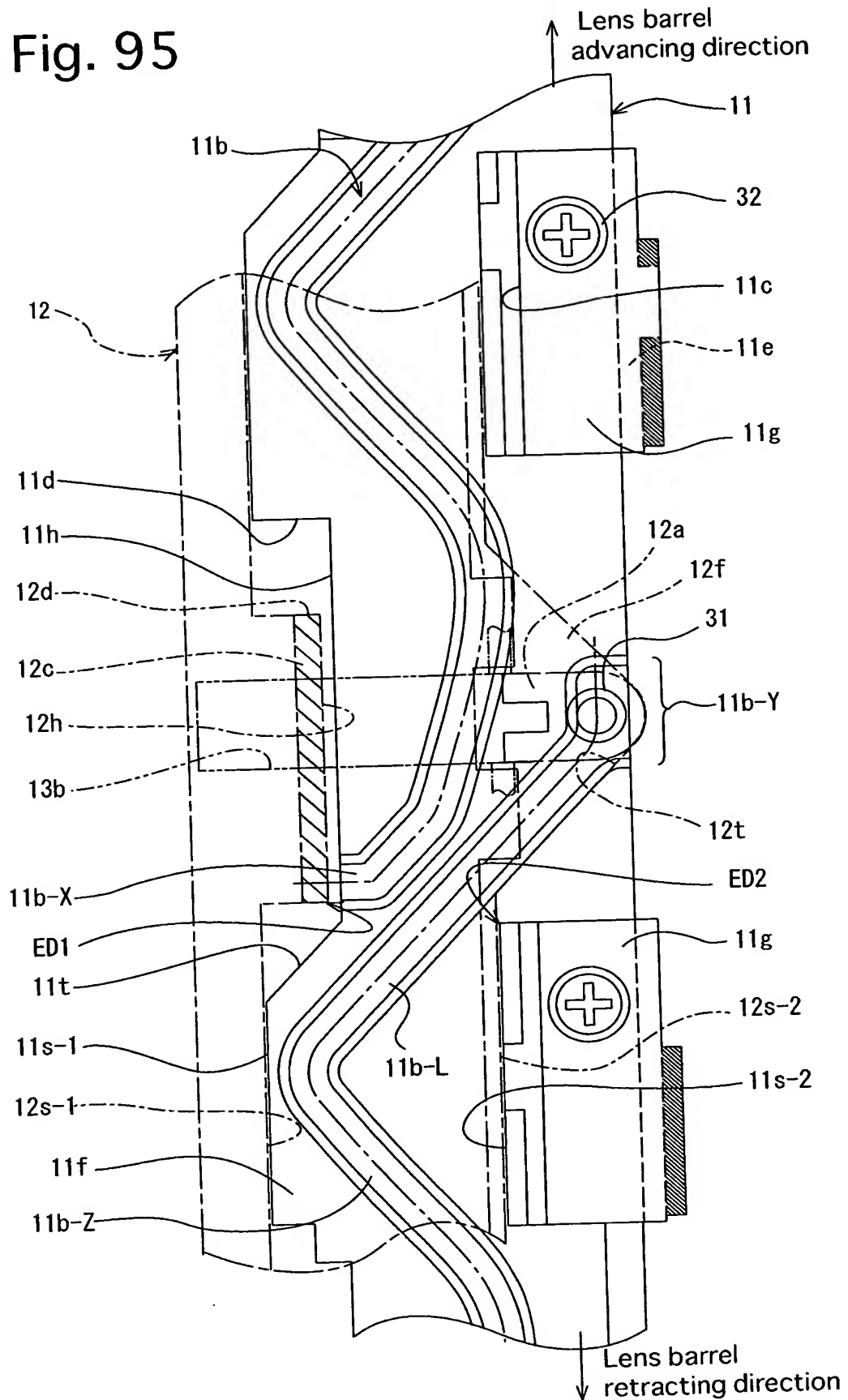


Fig. 96

Fig. 96 is a detailed cross-sectional view of a lens barrel assembly. The diagram shows a central lens element (11) with multiple curved surfaces (11b, 11c, 11d, 11e, 11f, 11g, 11h, 11i, 11j, 11k, 11l, 11m, 11n, 11o, 11p, 11q, 11r, 11s, 11t, 11u, 11v, 11w, 11x, 11y, 11z). The lens element is mounted on a lens barrel (11) which has a central axis (11a). The lens barrel is shown in two states: an advancing state (indicated by an upward arrow at the top) and a retracting state (indicated by a downward arrow at the bottom). The lens barrel is connected to a lens element (11) via a lens element support (11b). The lens element support (11b) is shown in two states: an advancing state (indicated by an upward arrow at the top) and a retracting state (indicated by a downward arrow at the bottom). The lens element support (11b) is connected to a lens element (11) via a lens element support (11b). The lens element support (11b) is shown in two states: an advancing state (indicated by an upward arrow at the top) and a retracting state (indicated by a downward arrow at the bottom). The lens element support (11b) is connected to a lens element (11) via a lens element support (11b).

Lens barrel
retracting direction

Fig. 97

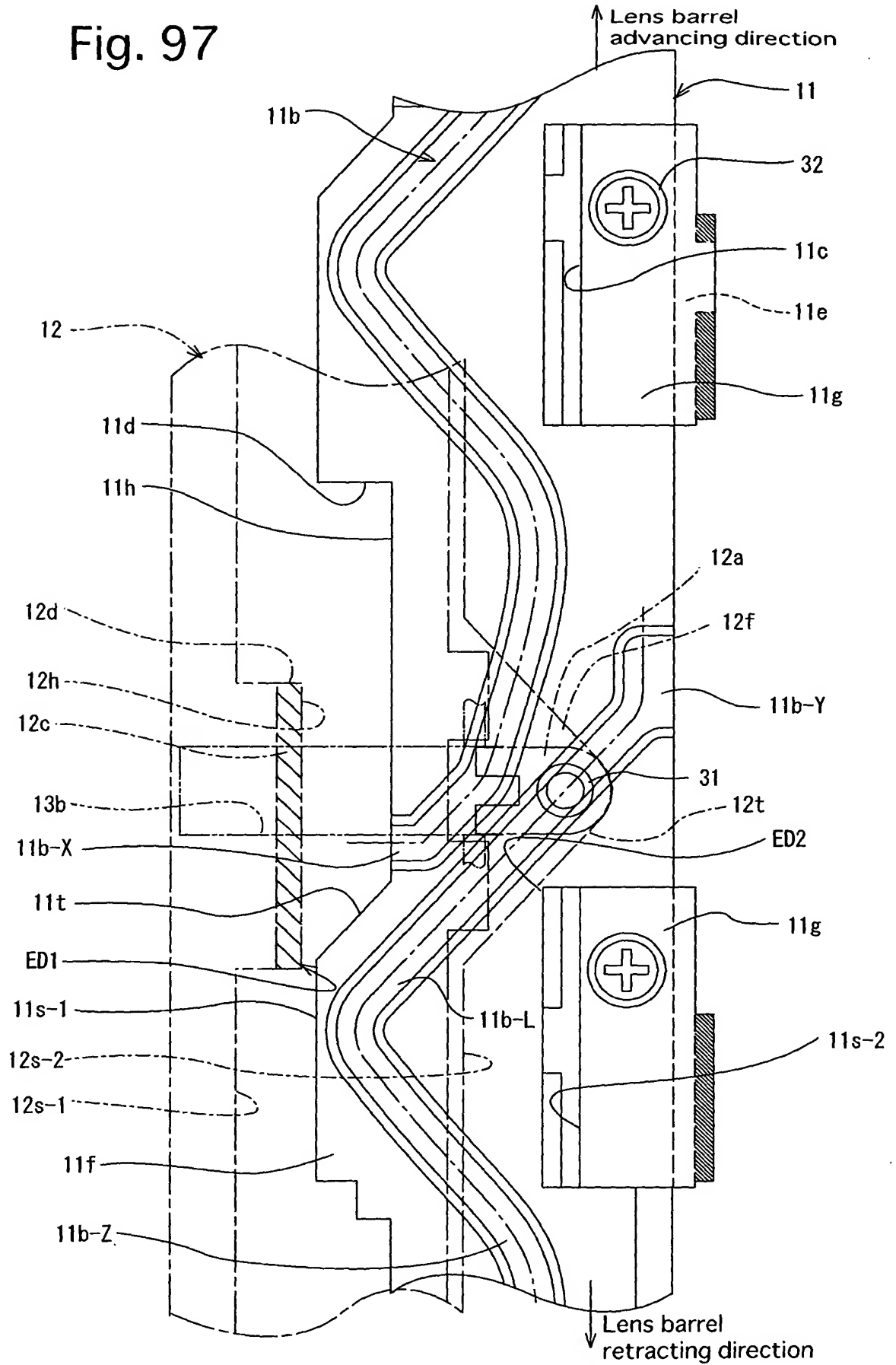


Fig. 98

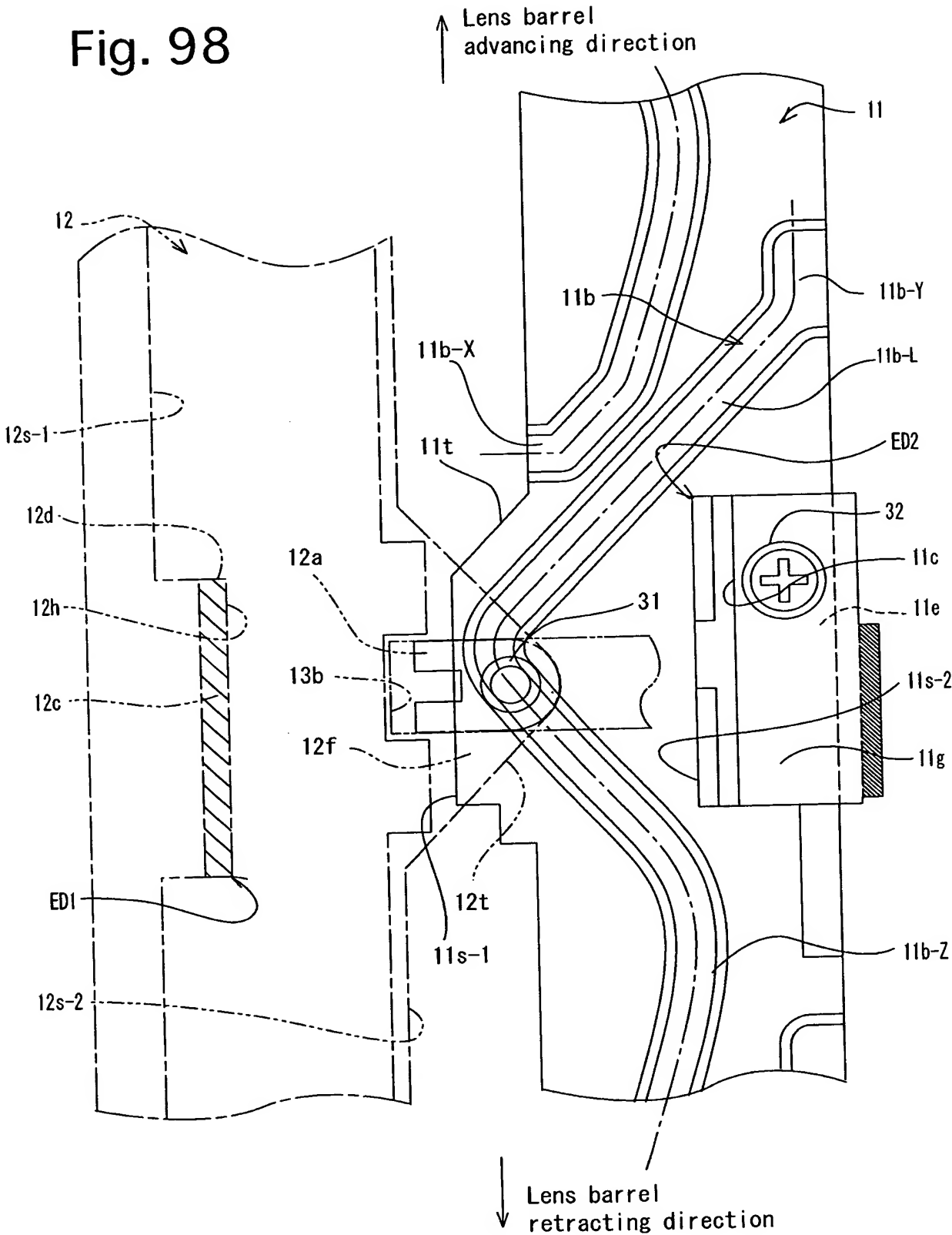


Fig. 99

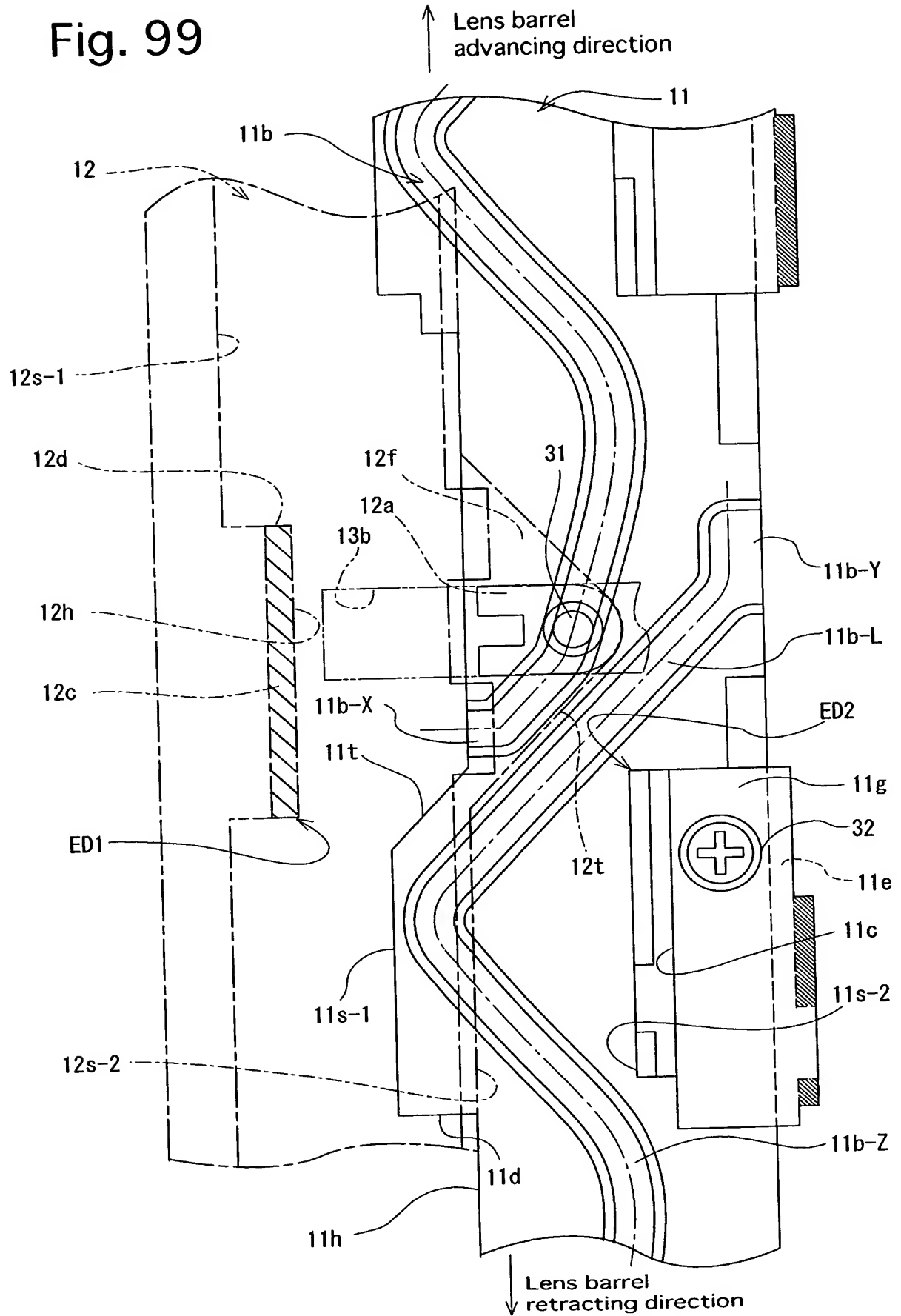


Fig. 100

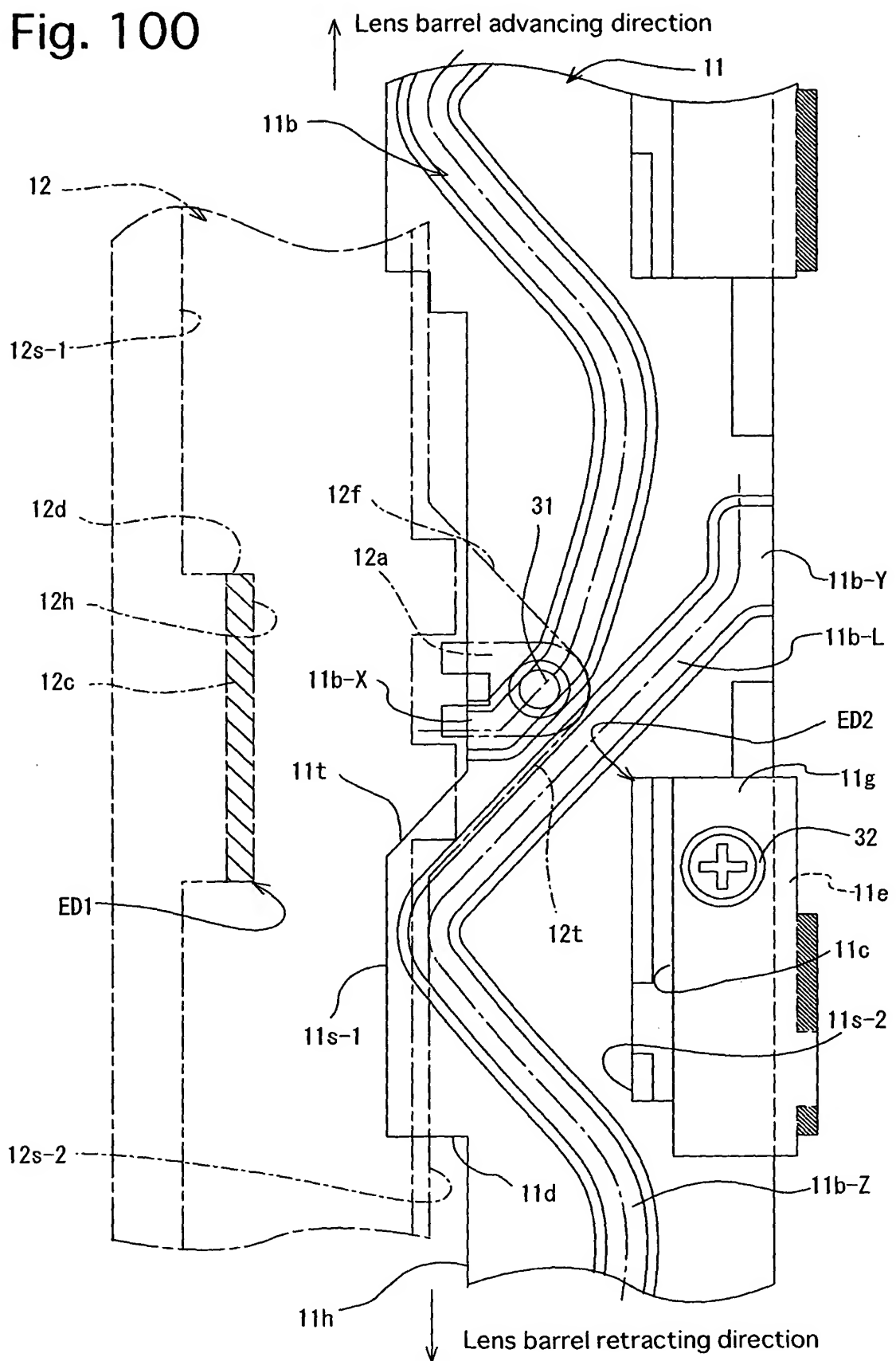


Fig. 101

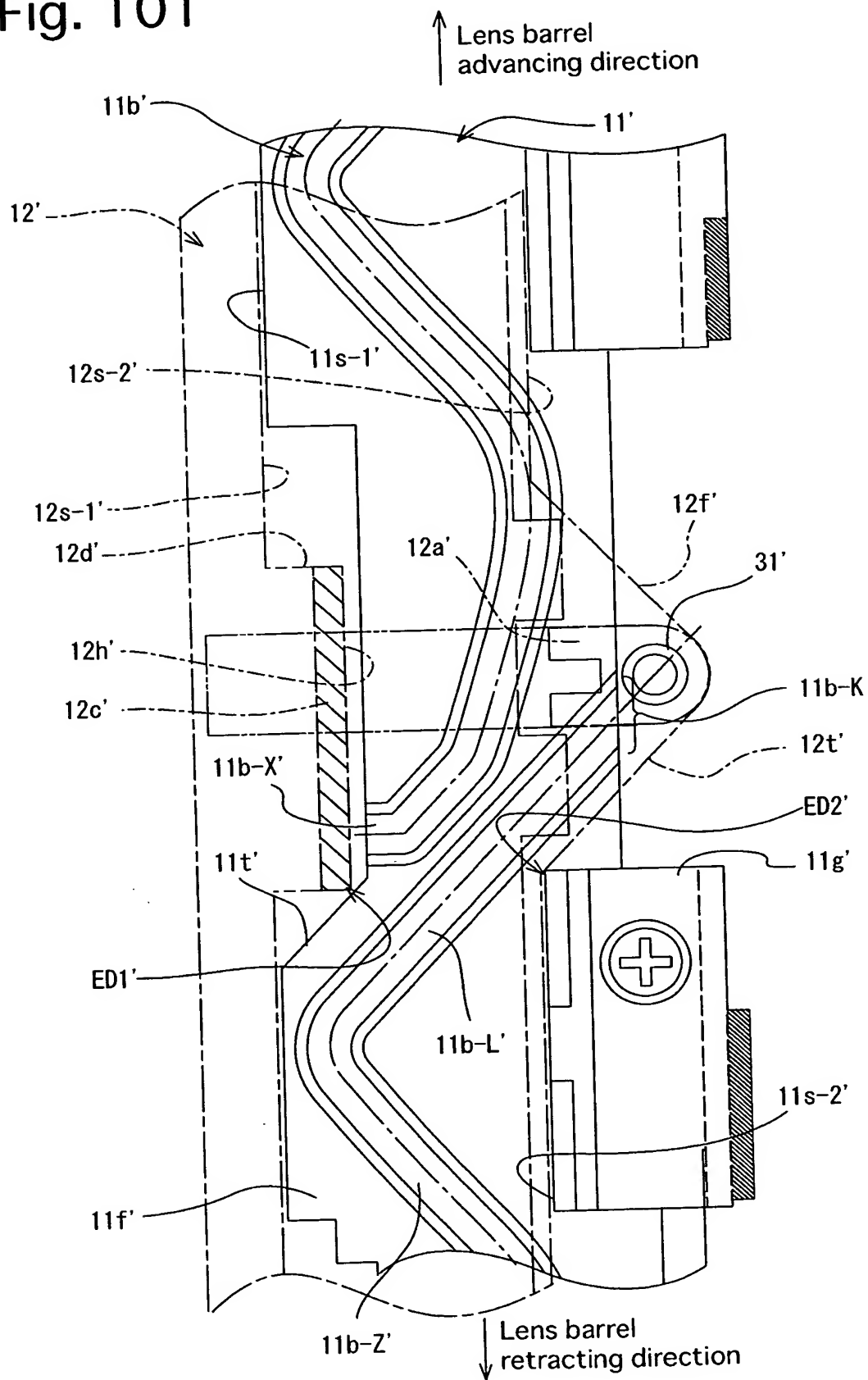


Fig. 102

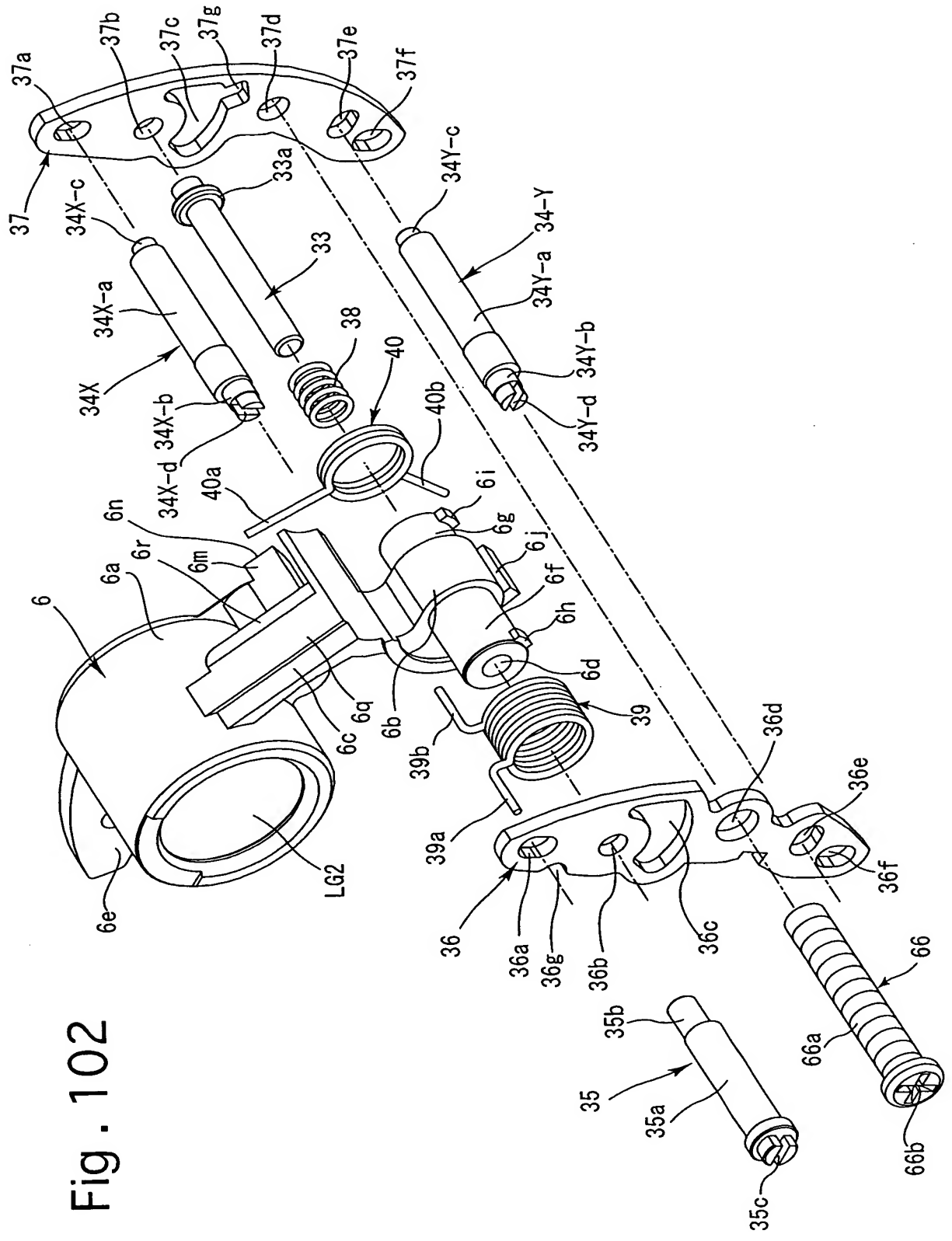


Fig. 103

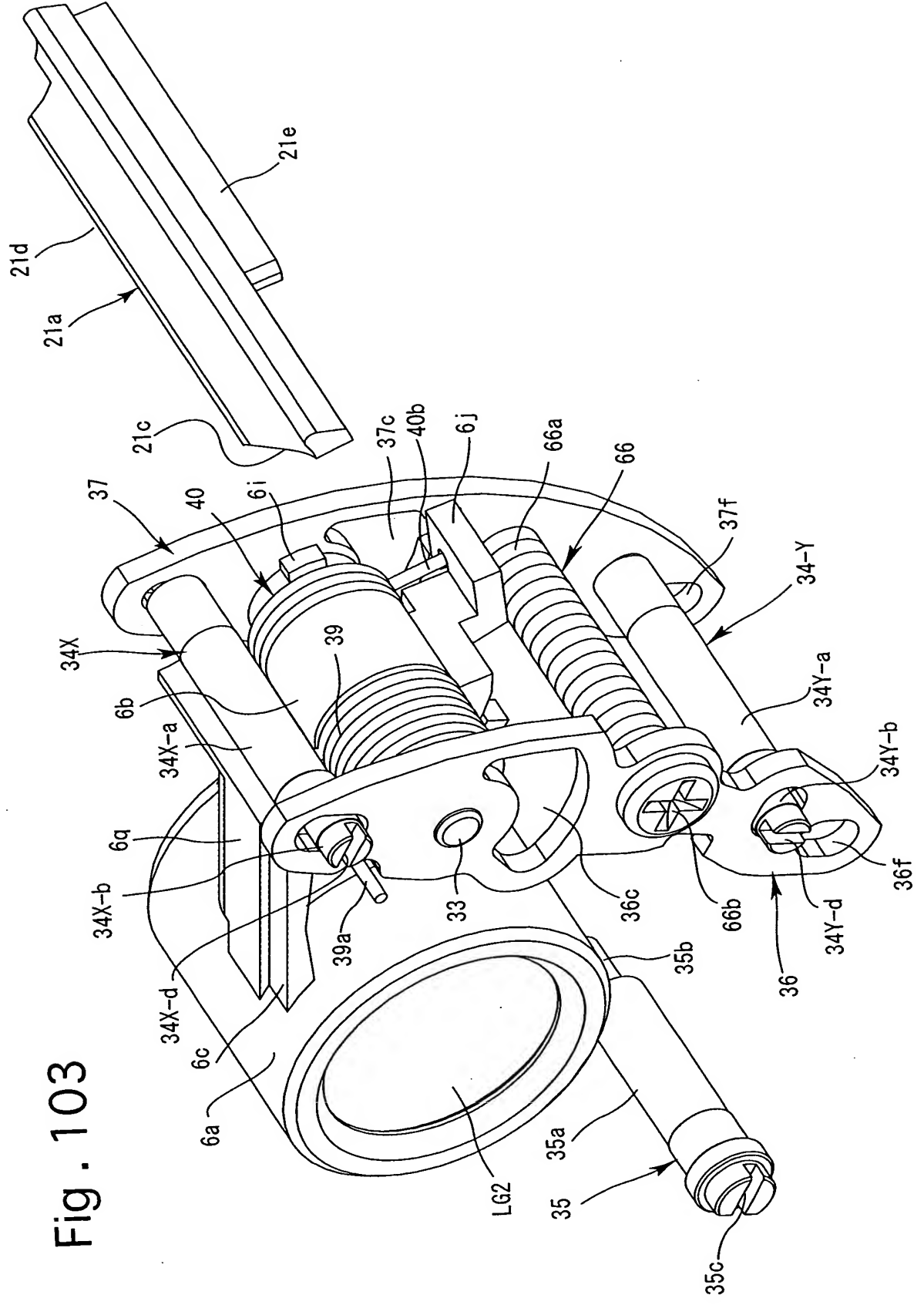
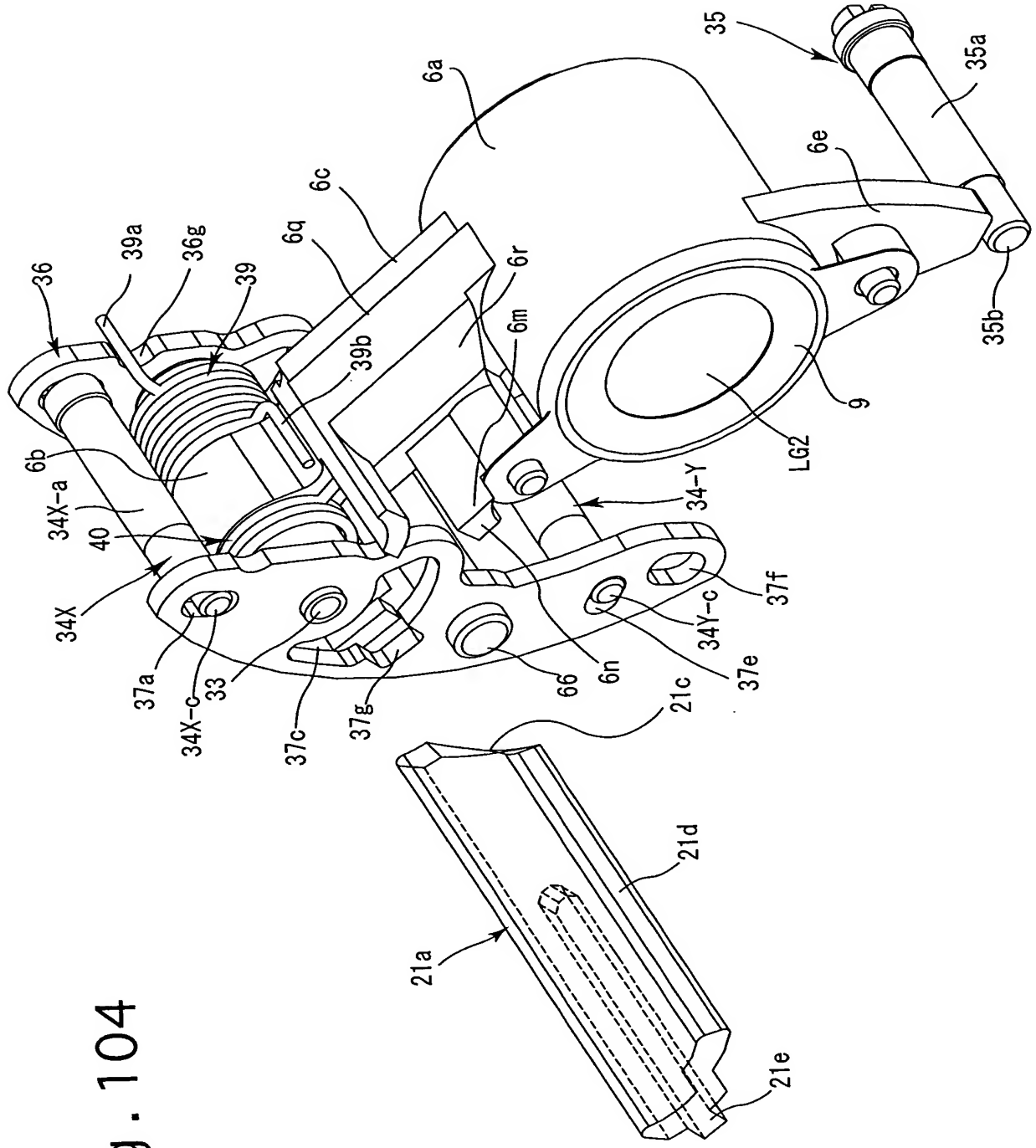


Fig. 104



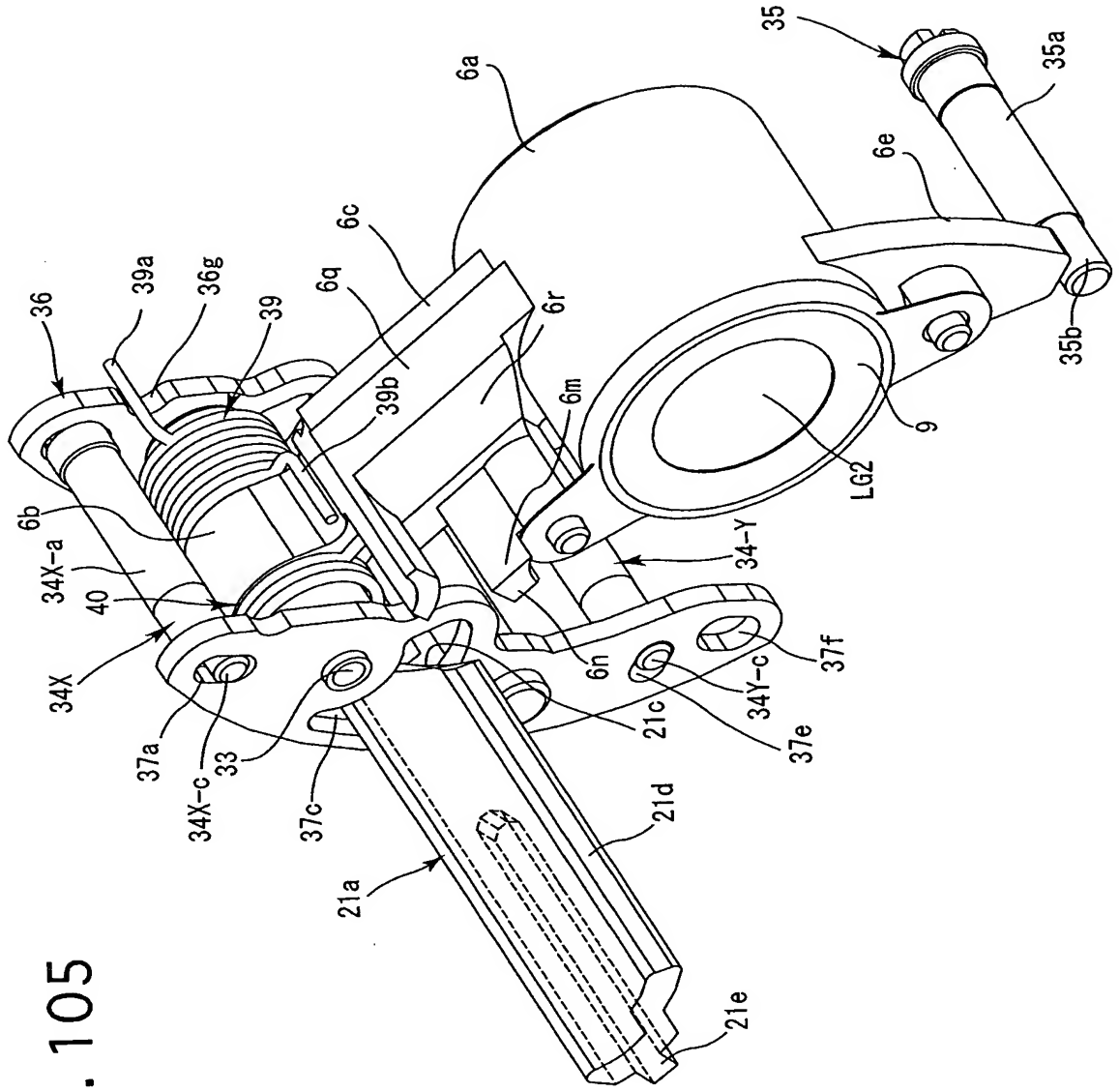


Fig. 107

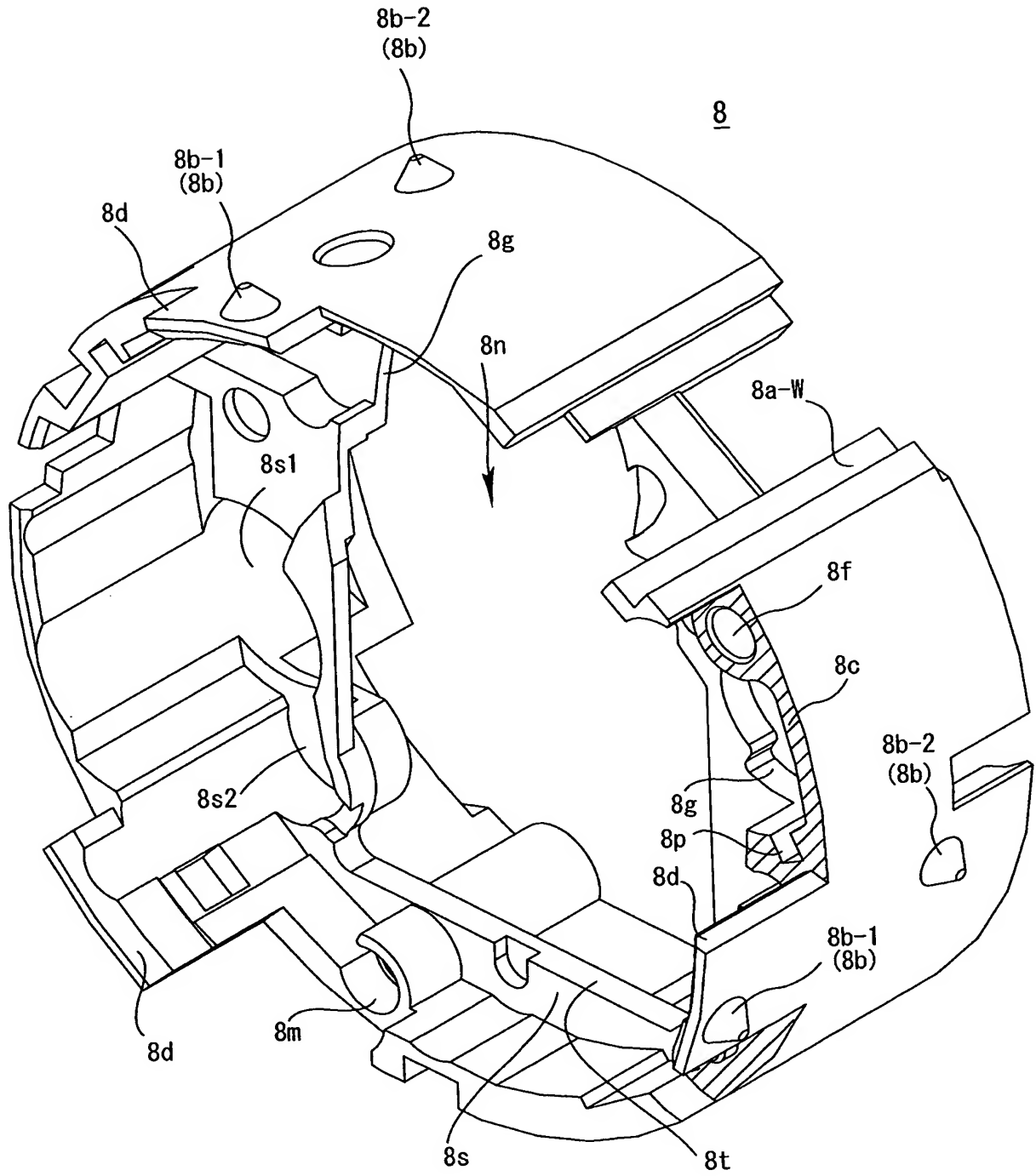


Fig. 108

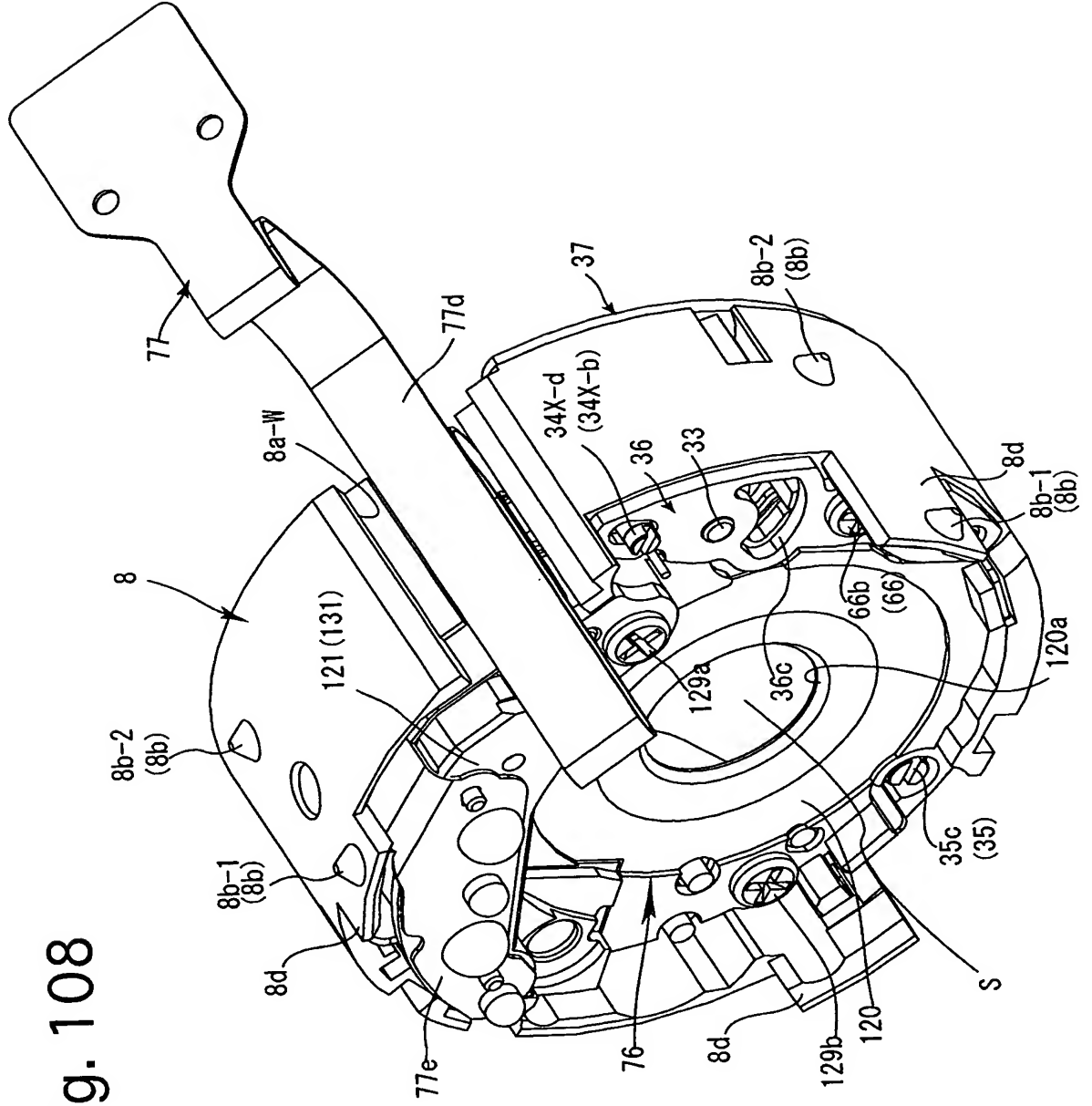


Fig. 110

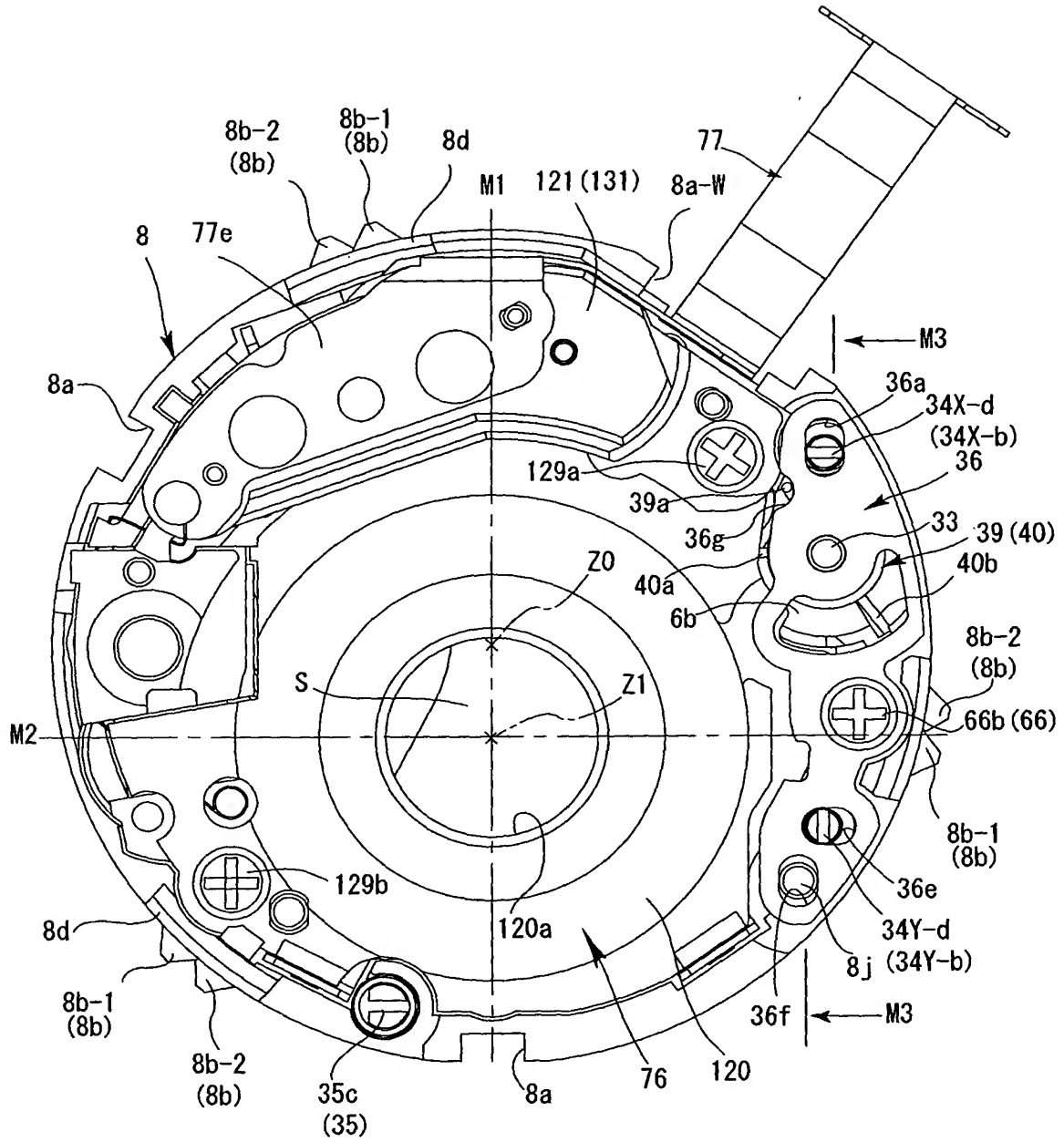


Fig. 111

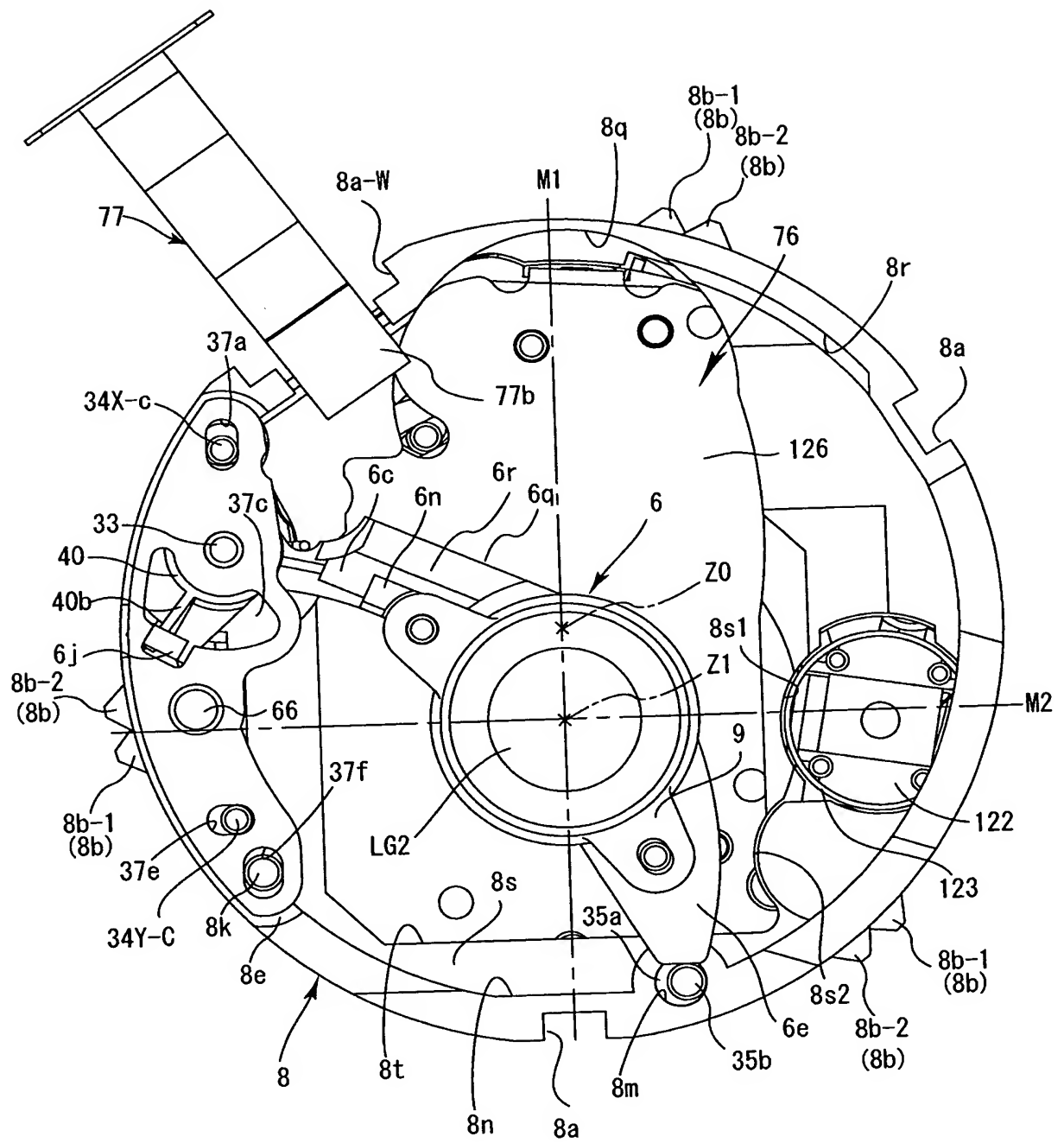


Fig. 112

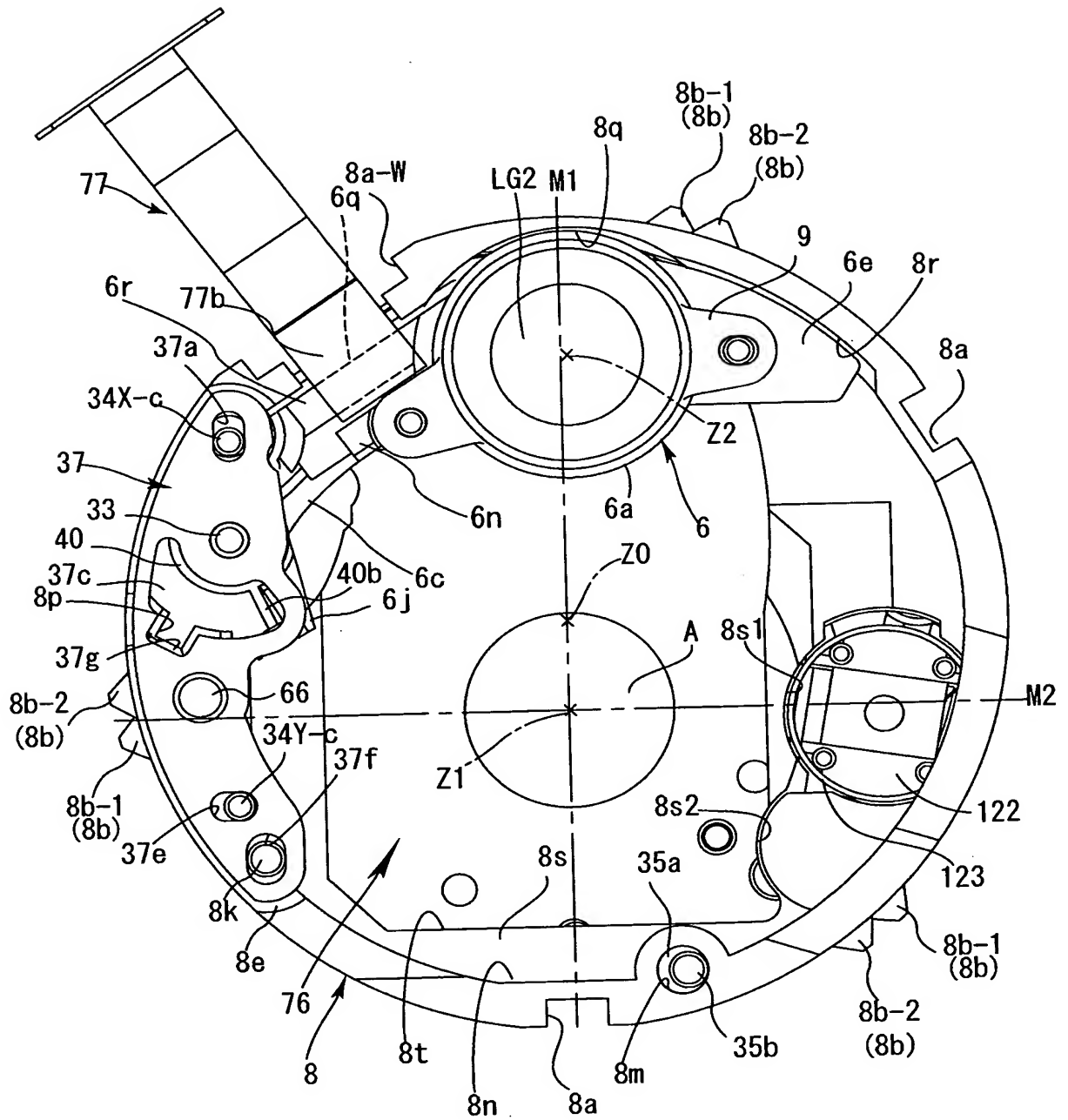


Fig.113

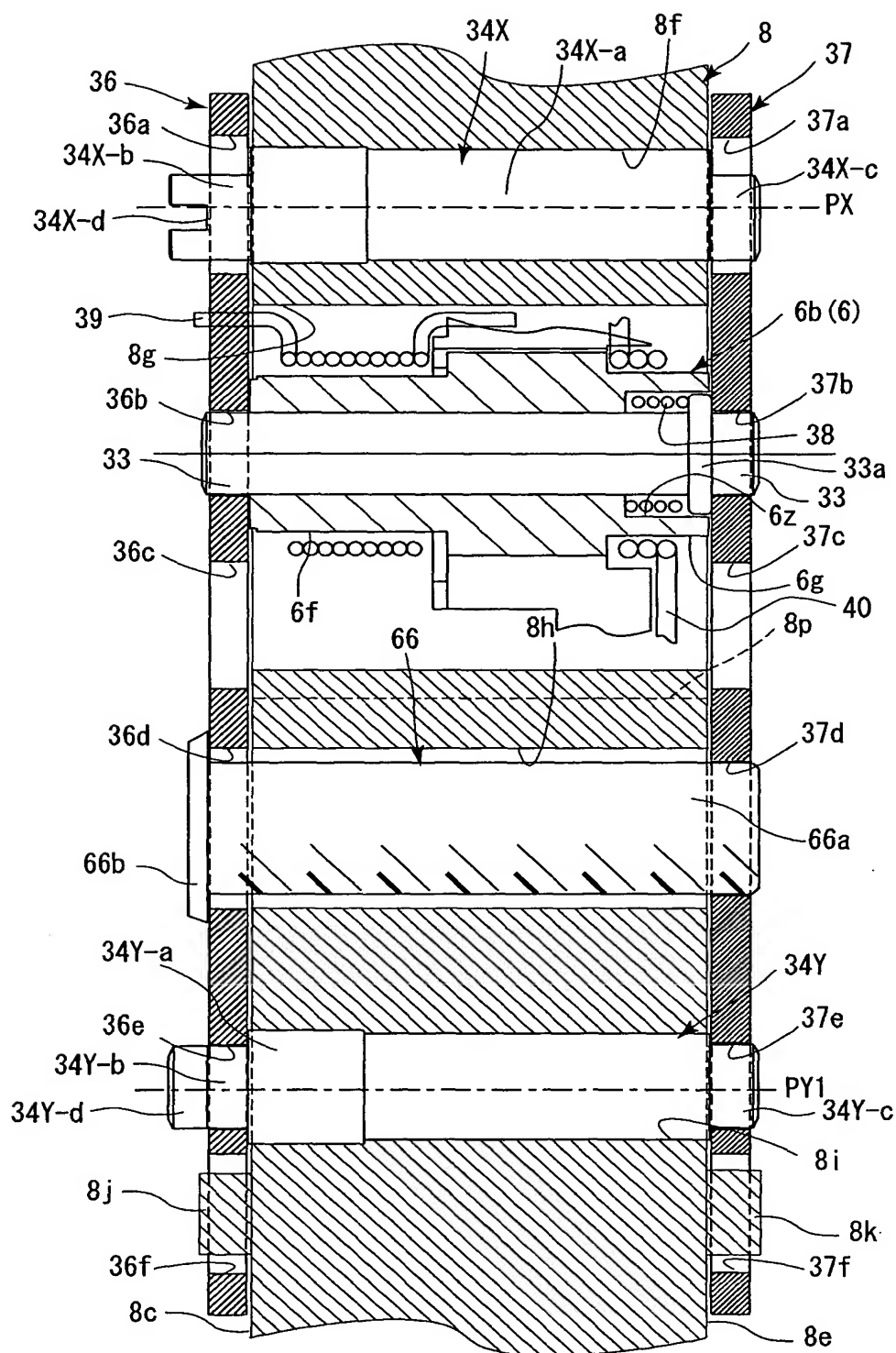


Fig . 114

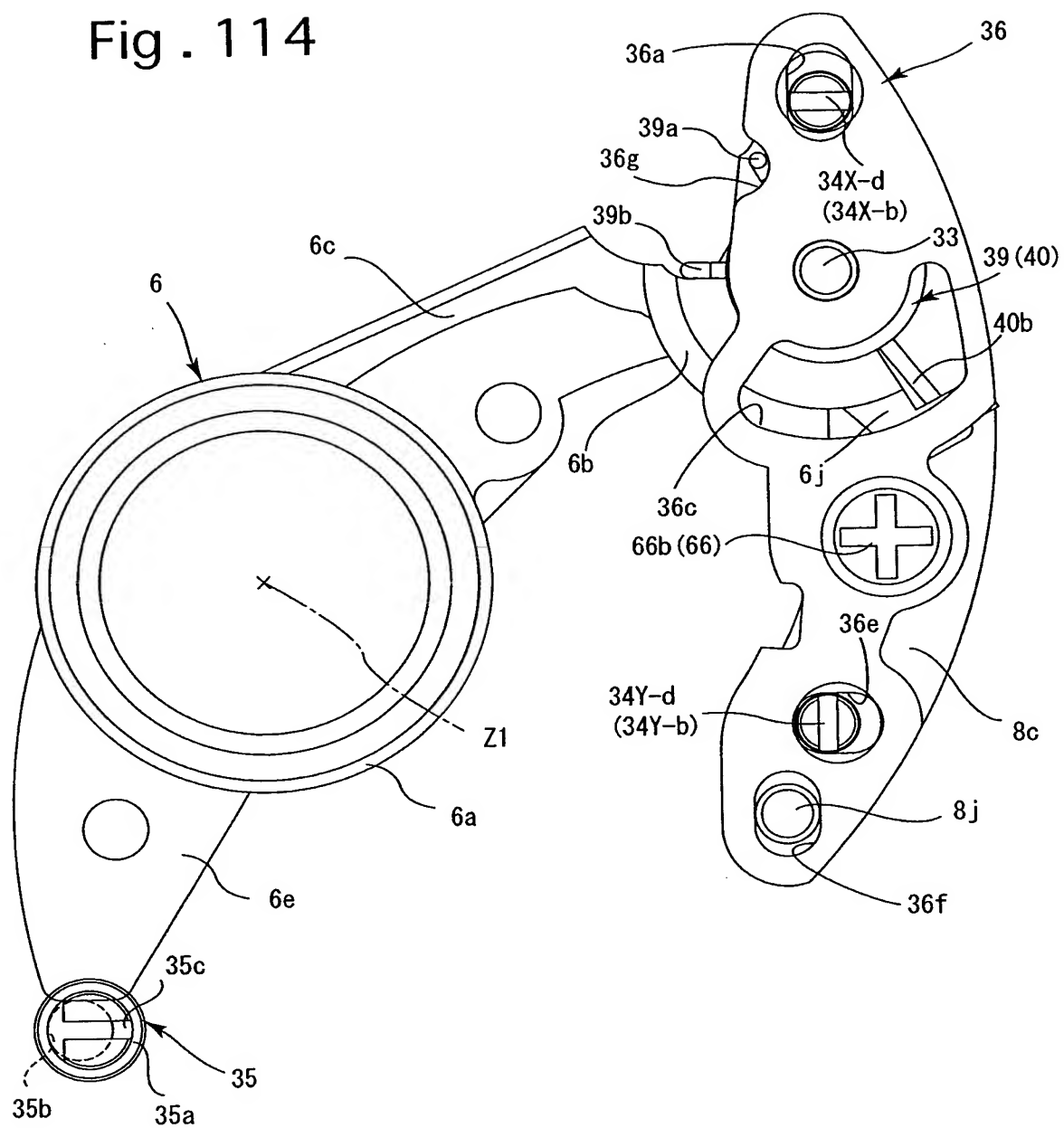


Fig . 115

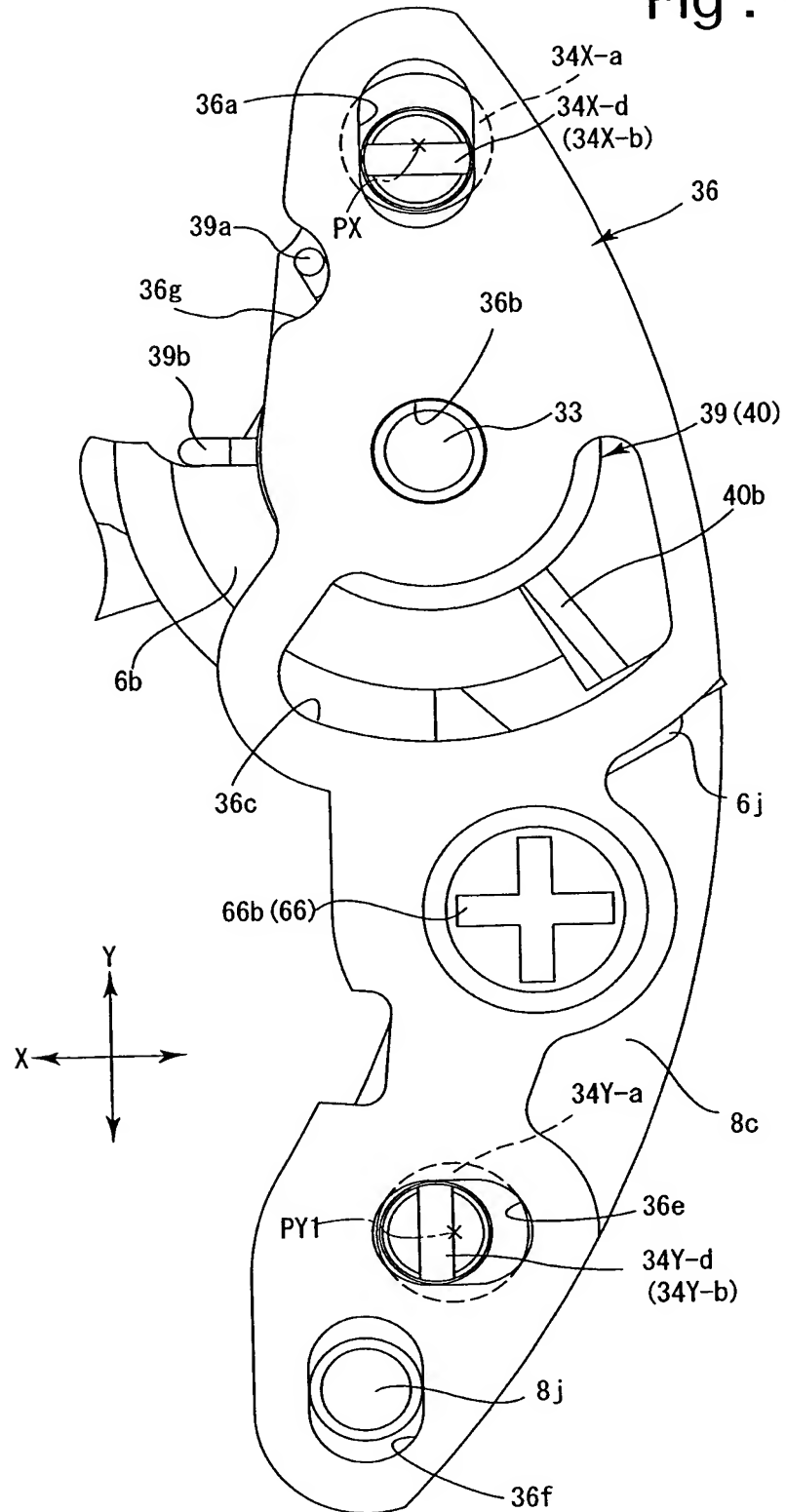


Fig. 116

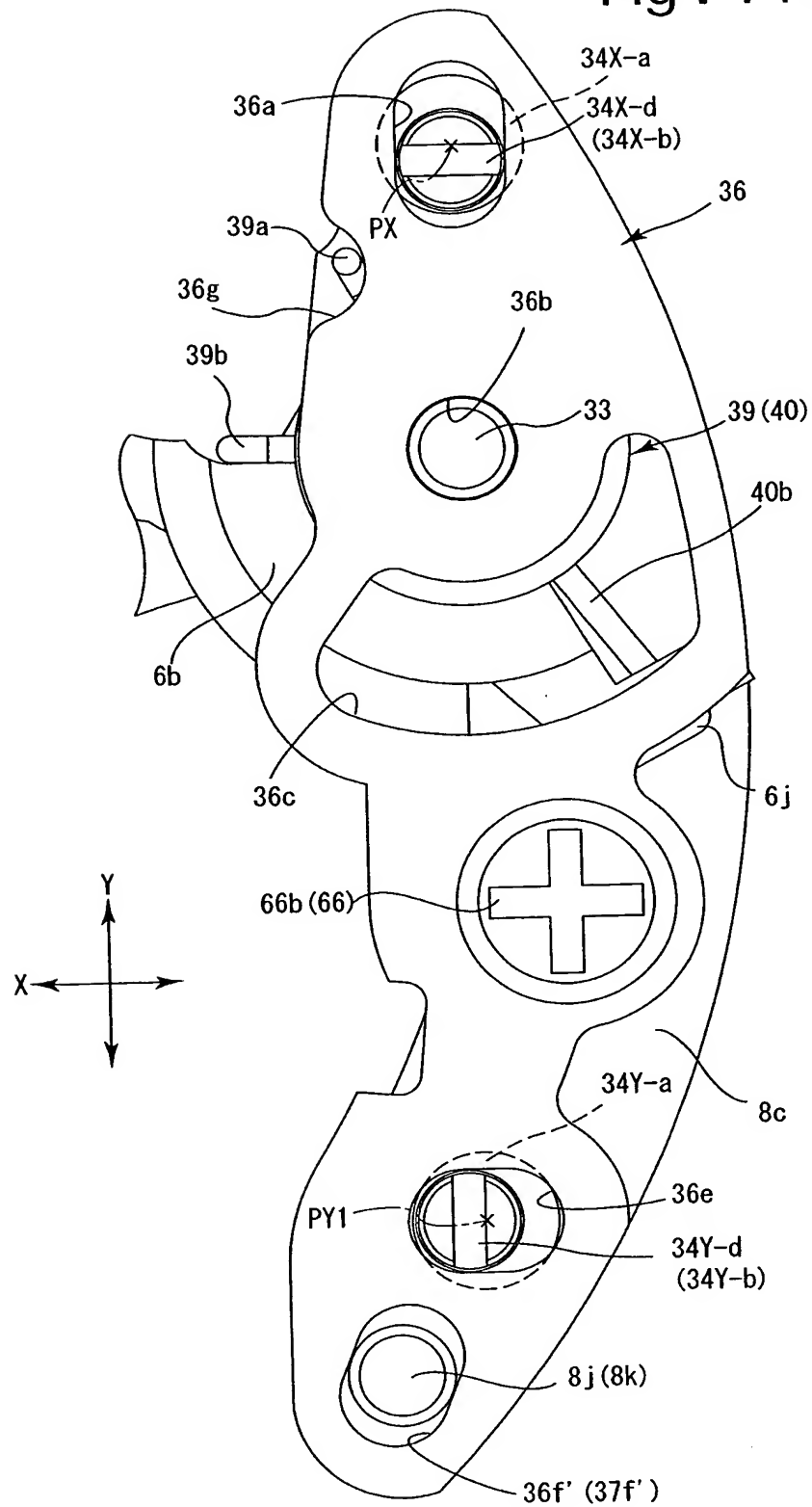


Fig . 117

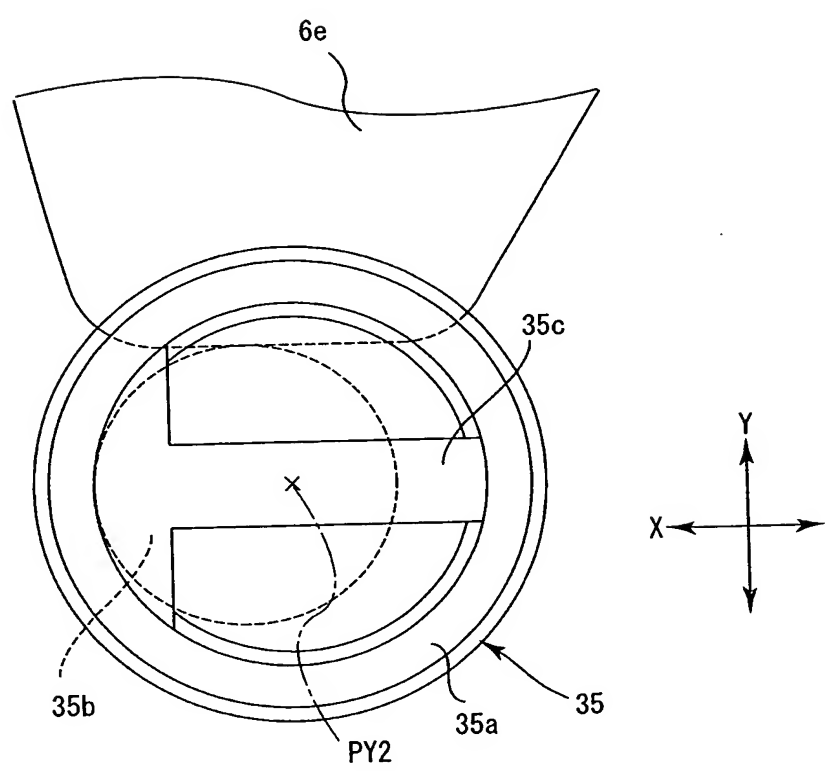


Fig. 118

Fig. 118 is a cross-sectional view of a mechanical assembly. The assembly includes a main body 6 with a curved top surface 6a and a side surface 6c. A central shaft 6b is shown with a cross-section 33. A component 40 is mounted on the shaft, featuring a flange 40a and a base 40b. A hatched region 21a is shown on the side surface 6c, with a dashed line 21d indicating a boundary. A vertical arrow indicates the 'Upward' and 'Downward' directions. A curved surface 6j is shown on the right side, with a dashed line 21e indicating a boundary. A small rectangular feature 6k is located near the top of the shaft. A curved surface 6i is shown on the left side of the shaft. A curved surface 6p is shown on the side of the main body 6. A curved surface 6l is shown on the right side of the main body 6.

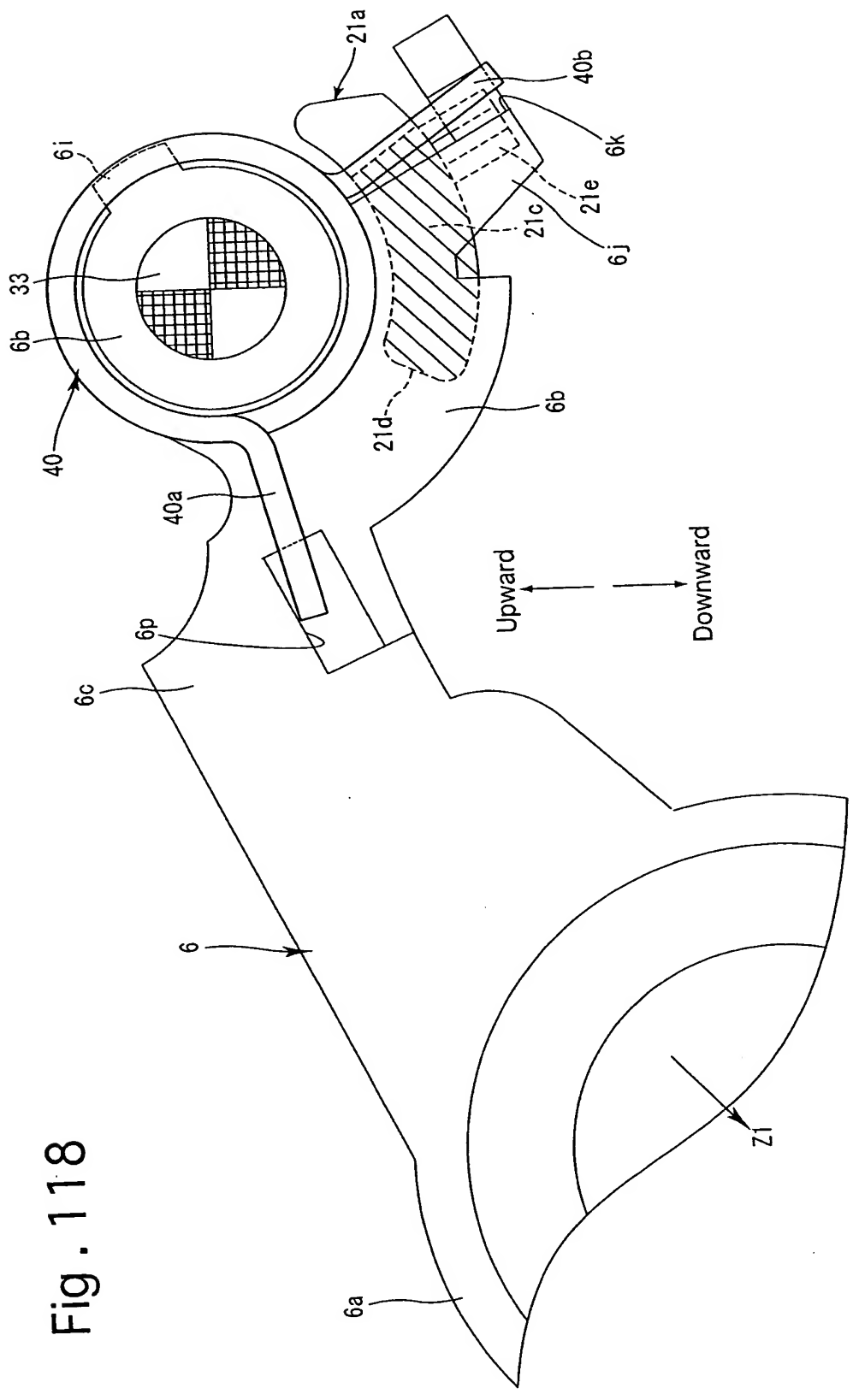


Fig . 119

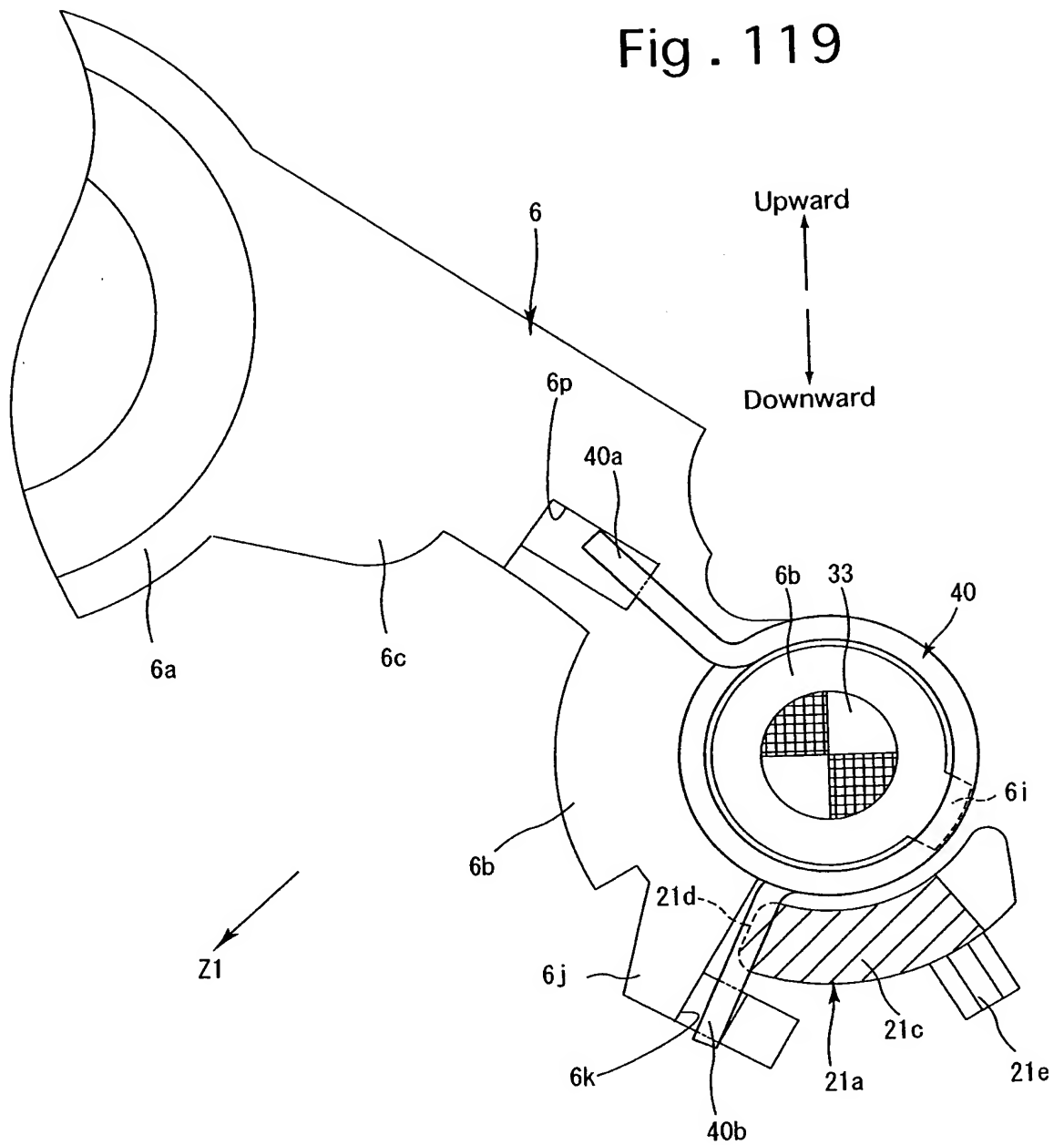


Fig. 120

Fig. 120 is a perspective view of a mechanical assembly. The assembly includes a large, curved, fan-like component (6) with a central opening (6a) and a curved edge (6c). A central shaft (6b) passes through the opening. A circular component (40) is mounted on the shaft, featuring a cross-hatched pattern (33) and a central opening (6i). A bracket (6j) is attached to the shaft, and a component (6k) is mounted on it. A curved line (NR1) is shown below the assembly. A vertical arrow indicates 'Upward' and 'Downward' directions. A horizontal arrow indicates the 'Z1' direction. A curved arrow indicates the 'Z2' direction.

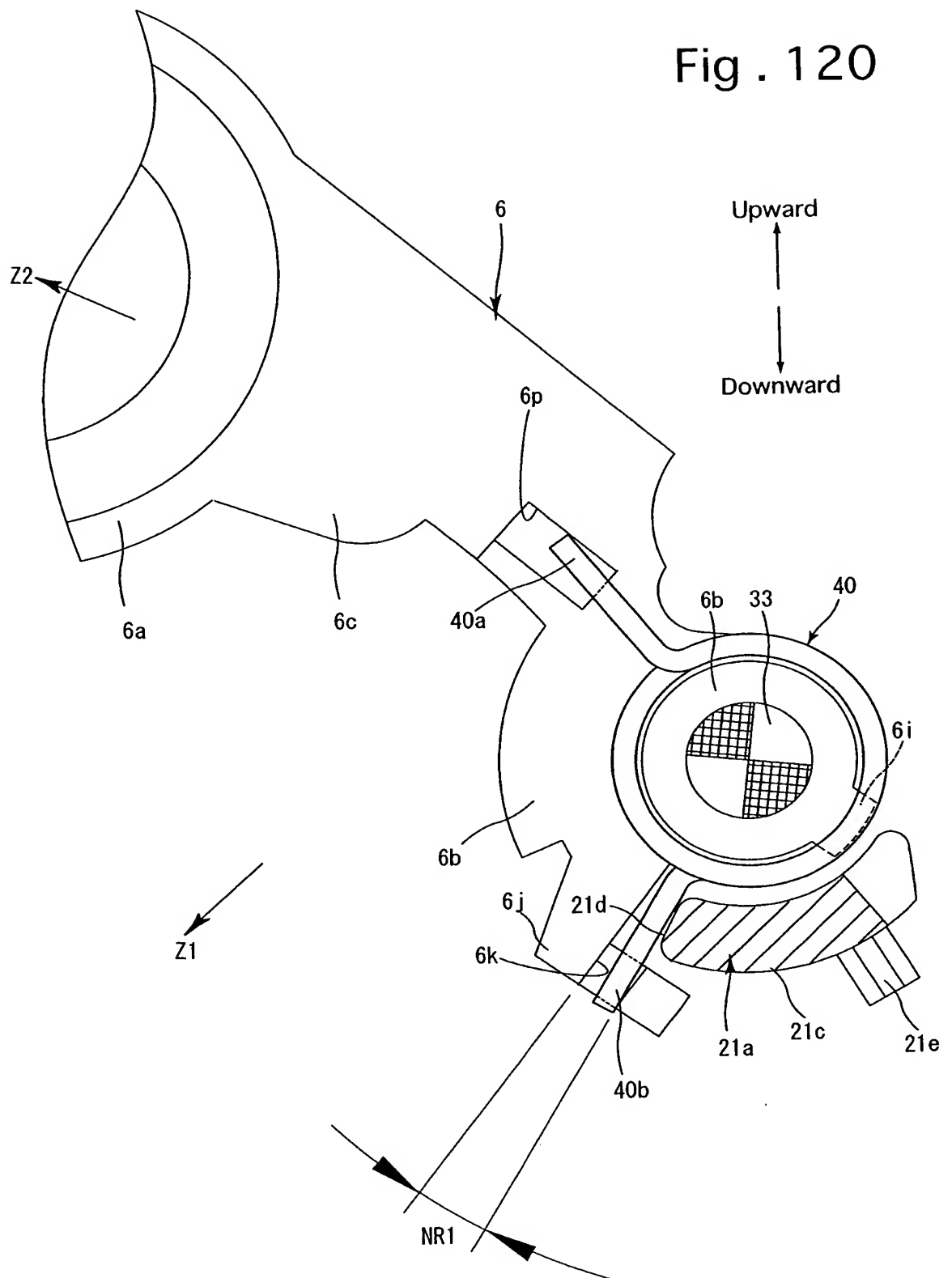


Fig . 121

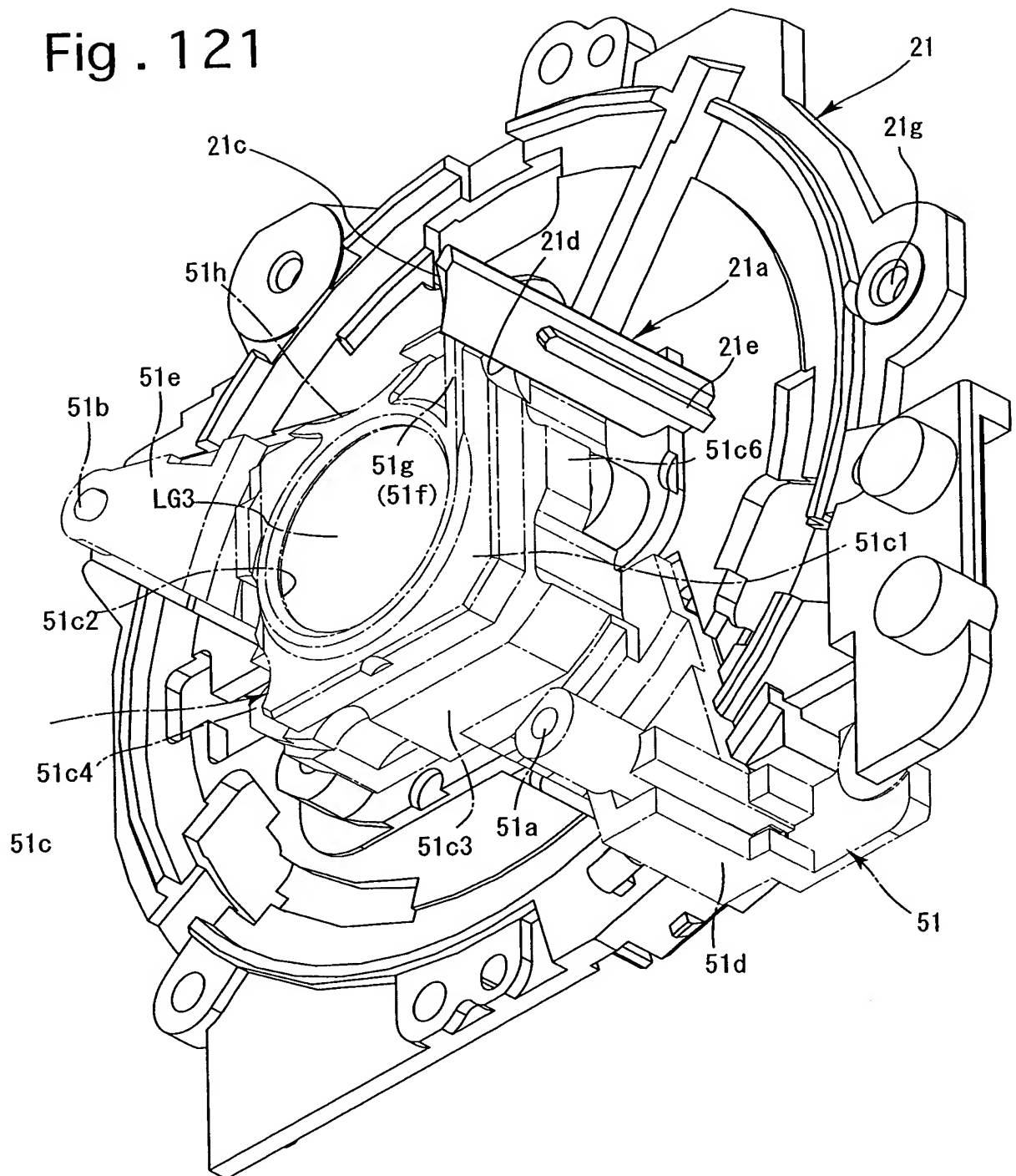


Fig. 122

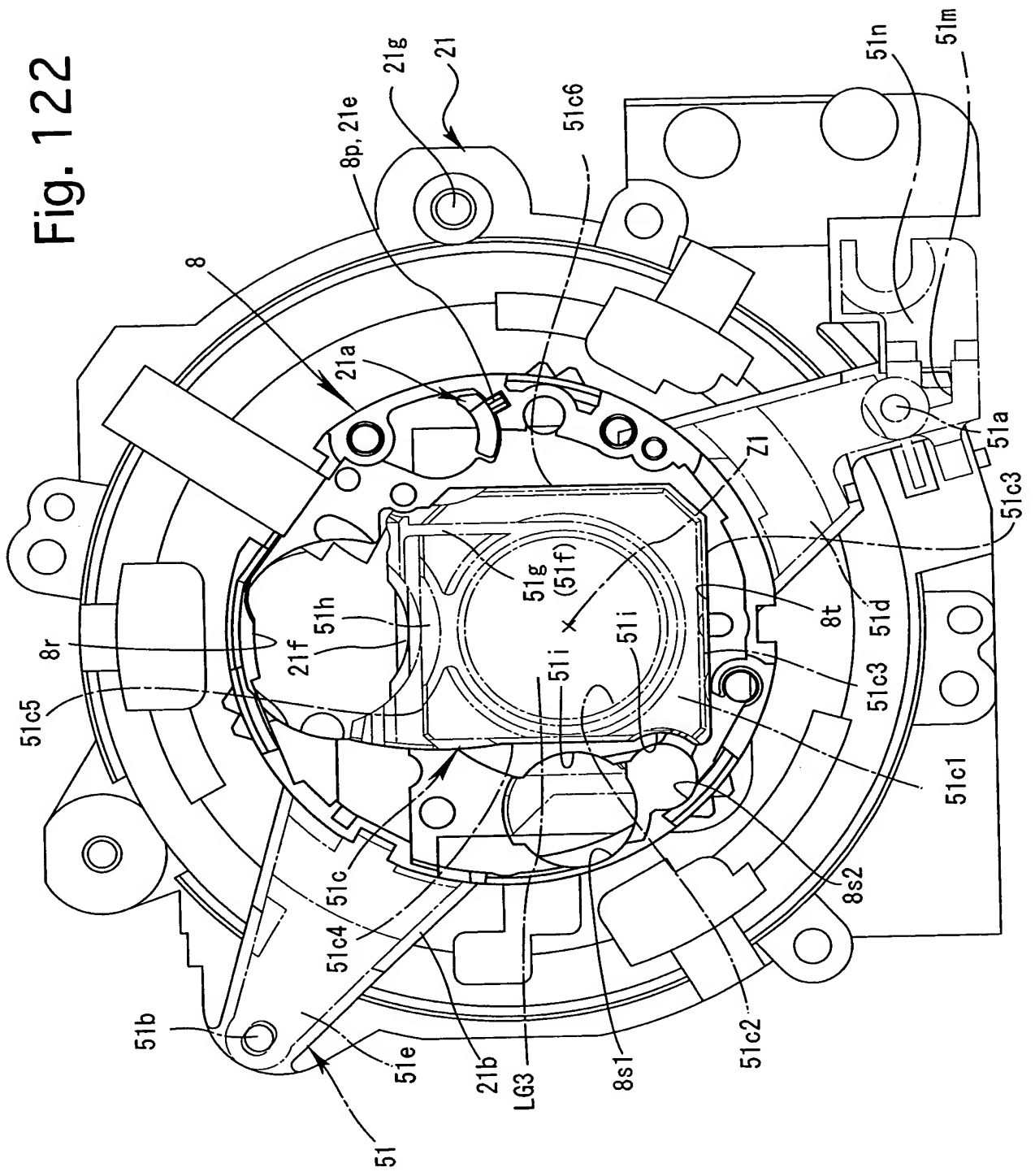


Fig . 123

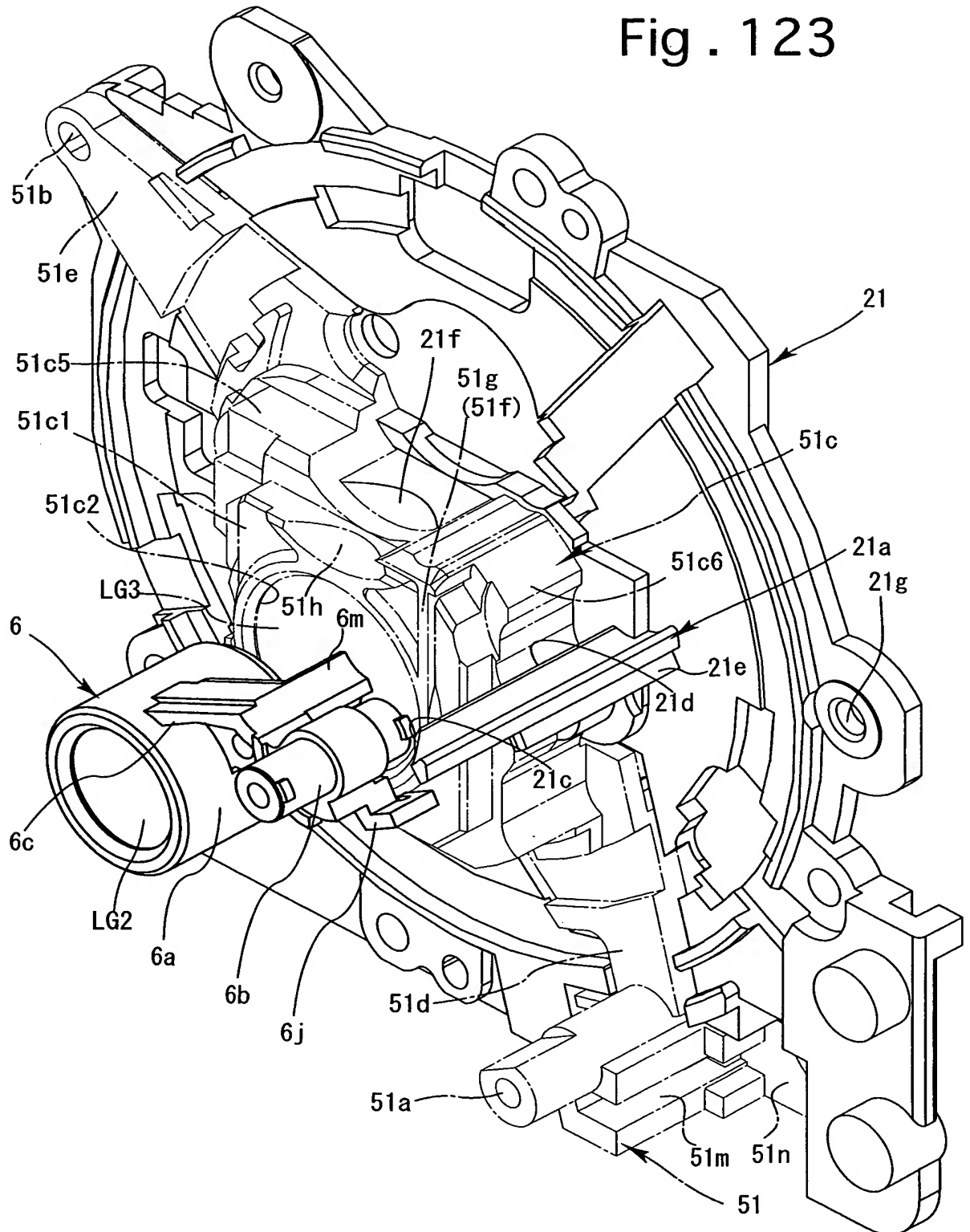


Fig . 124

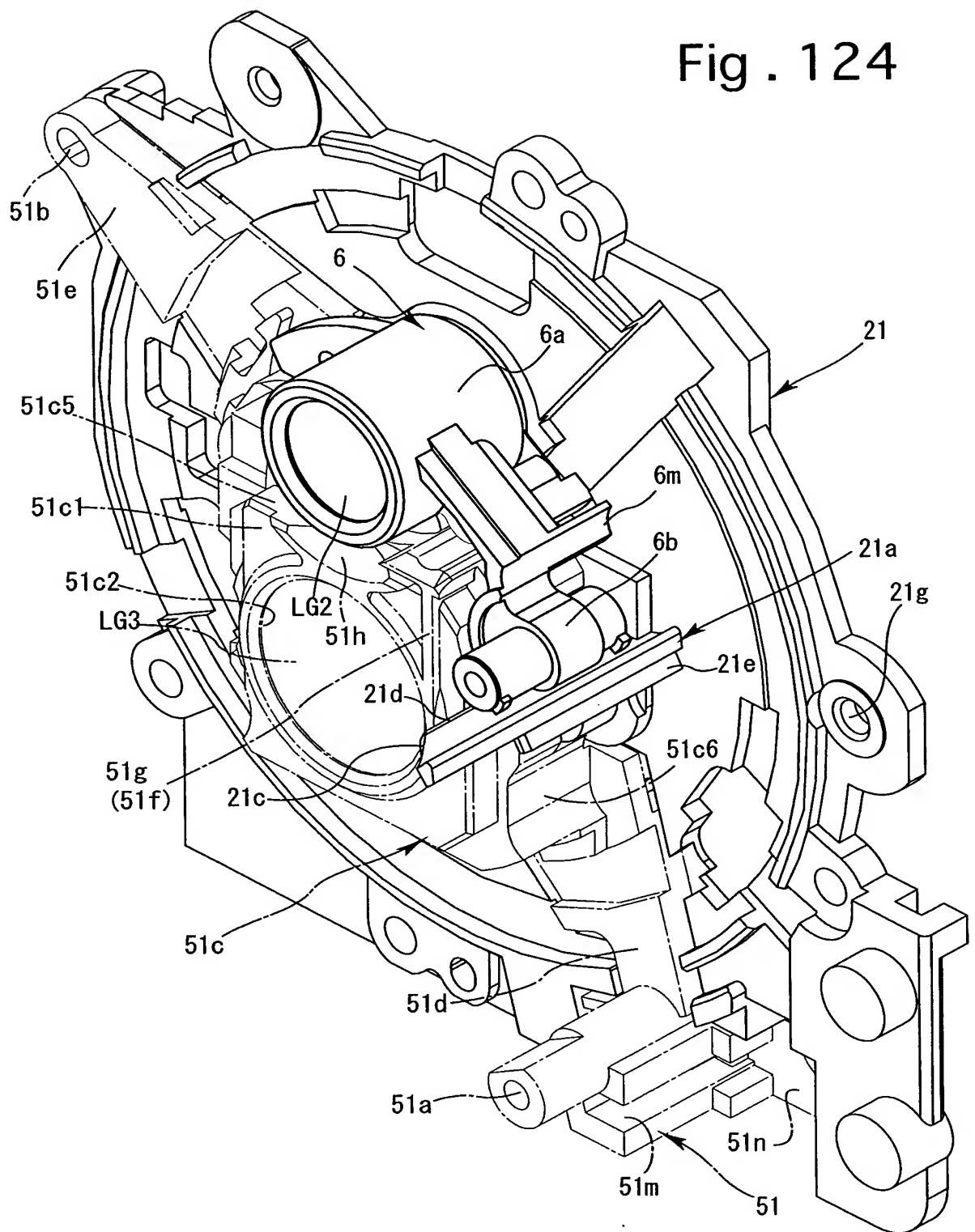


Fig. 125

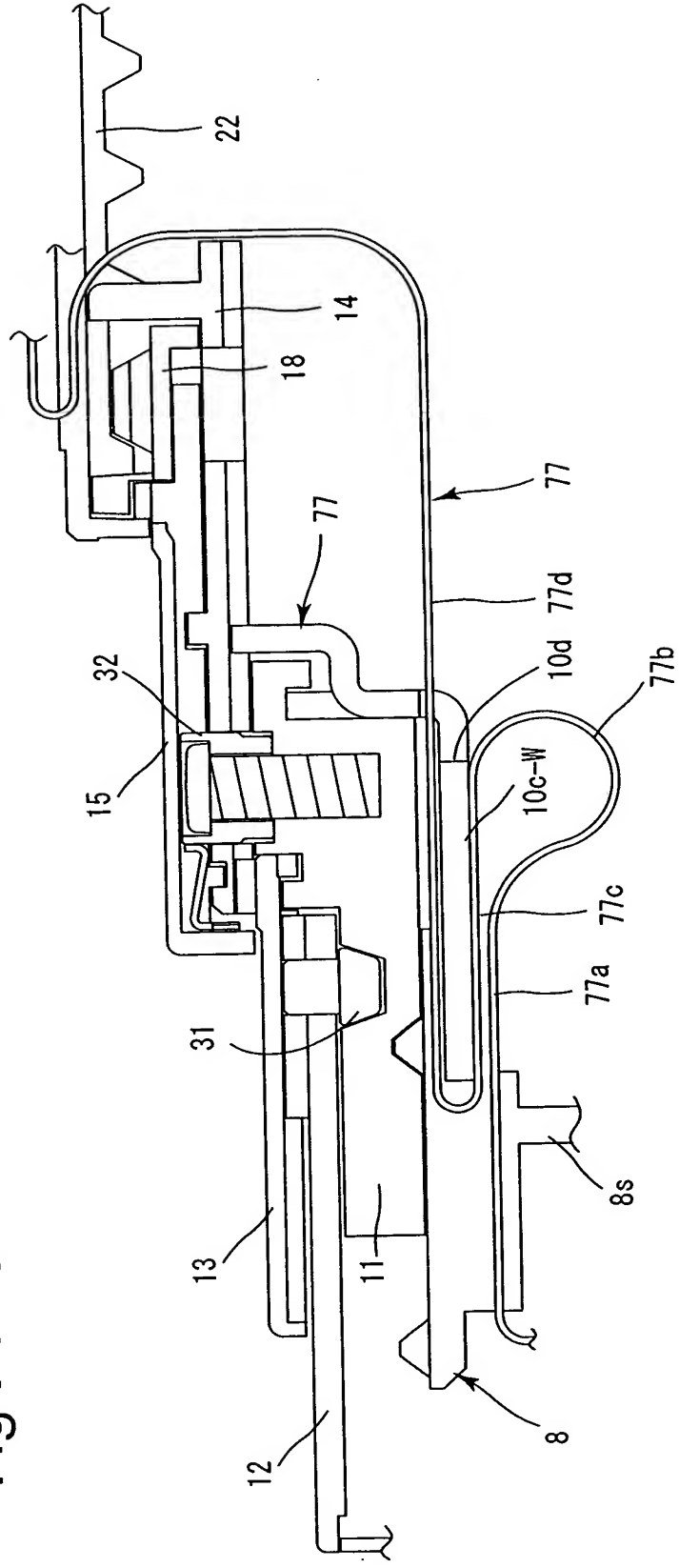


Fig . 126

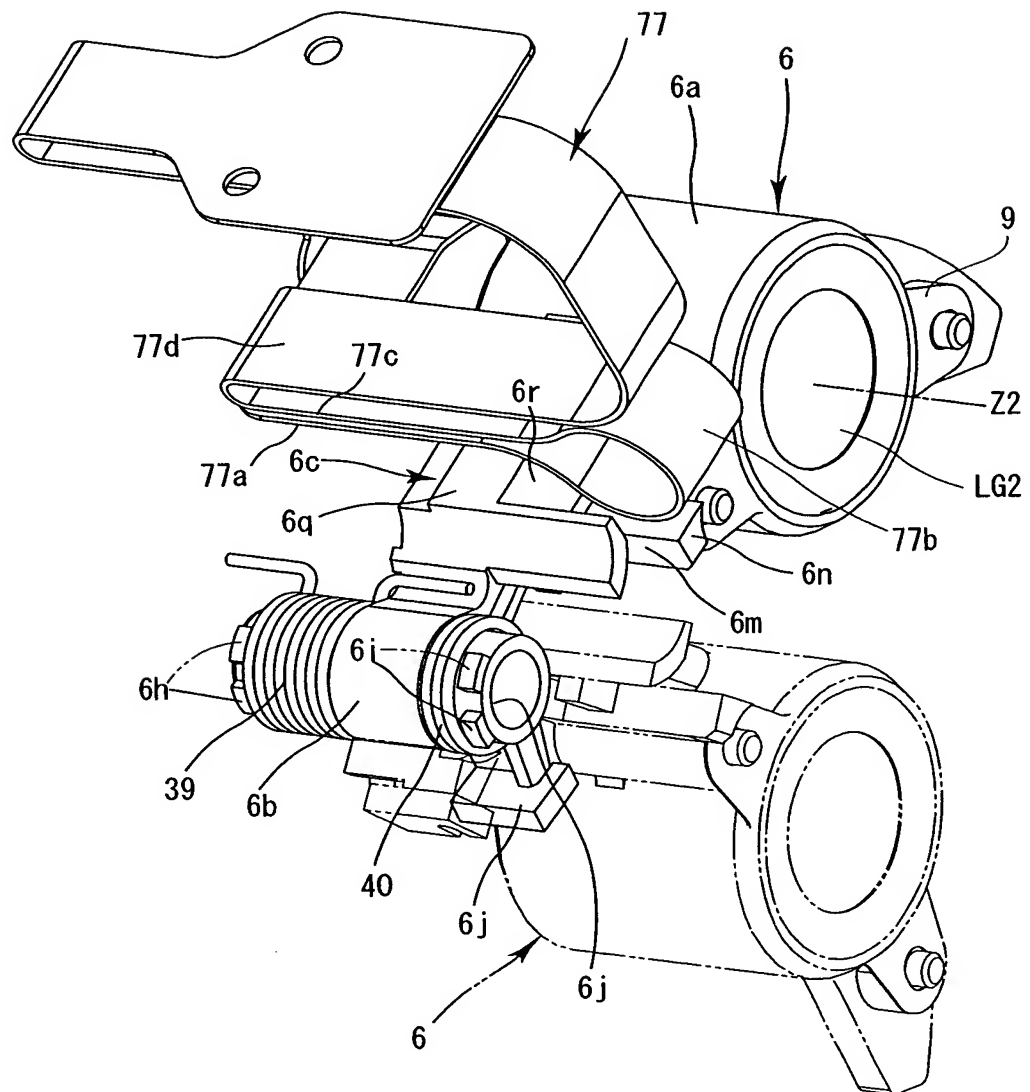


Fig . 127

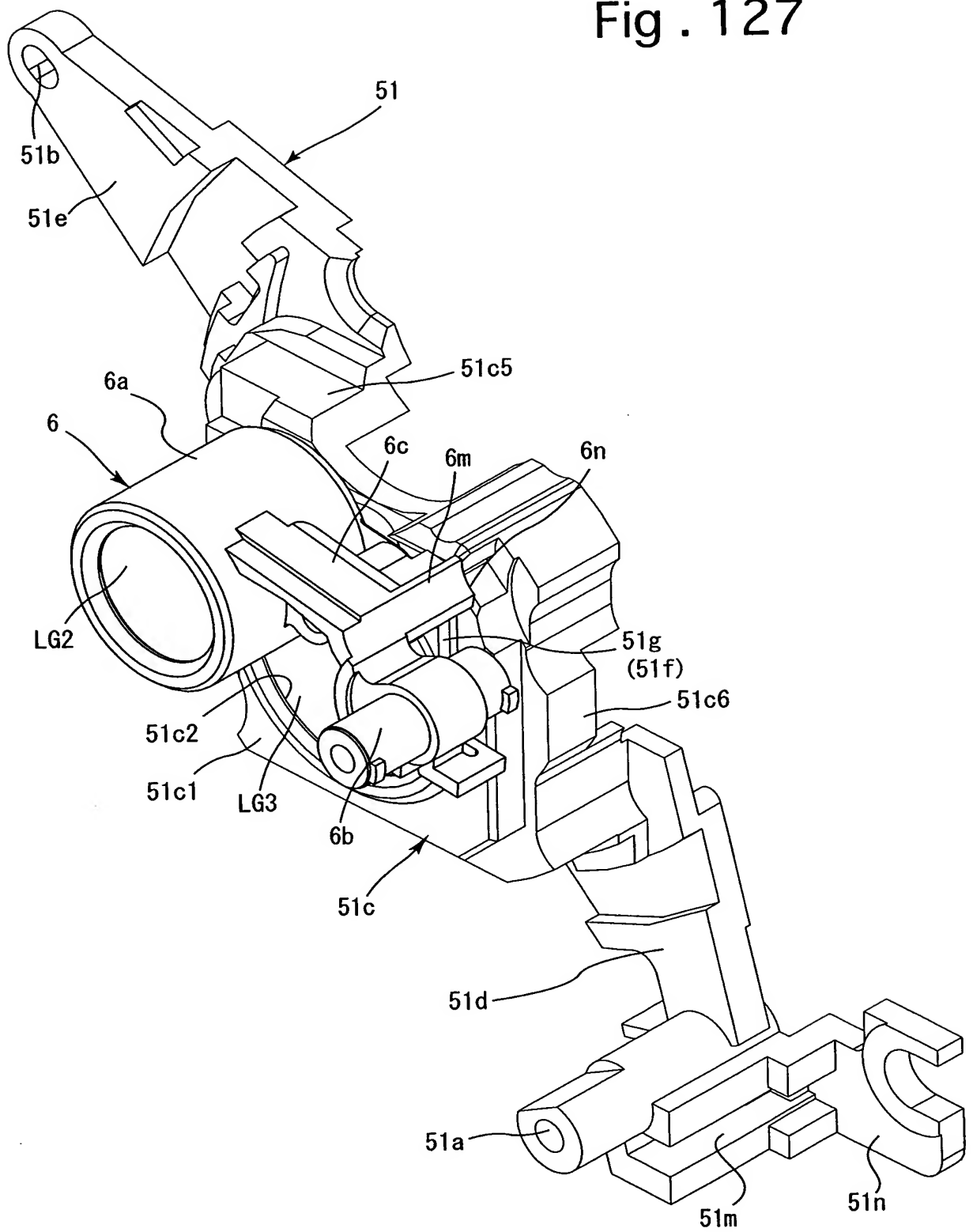


Fig . 128

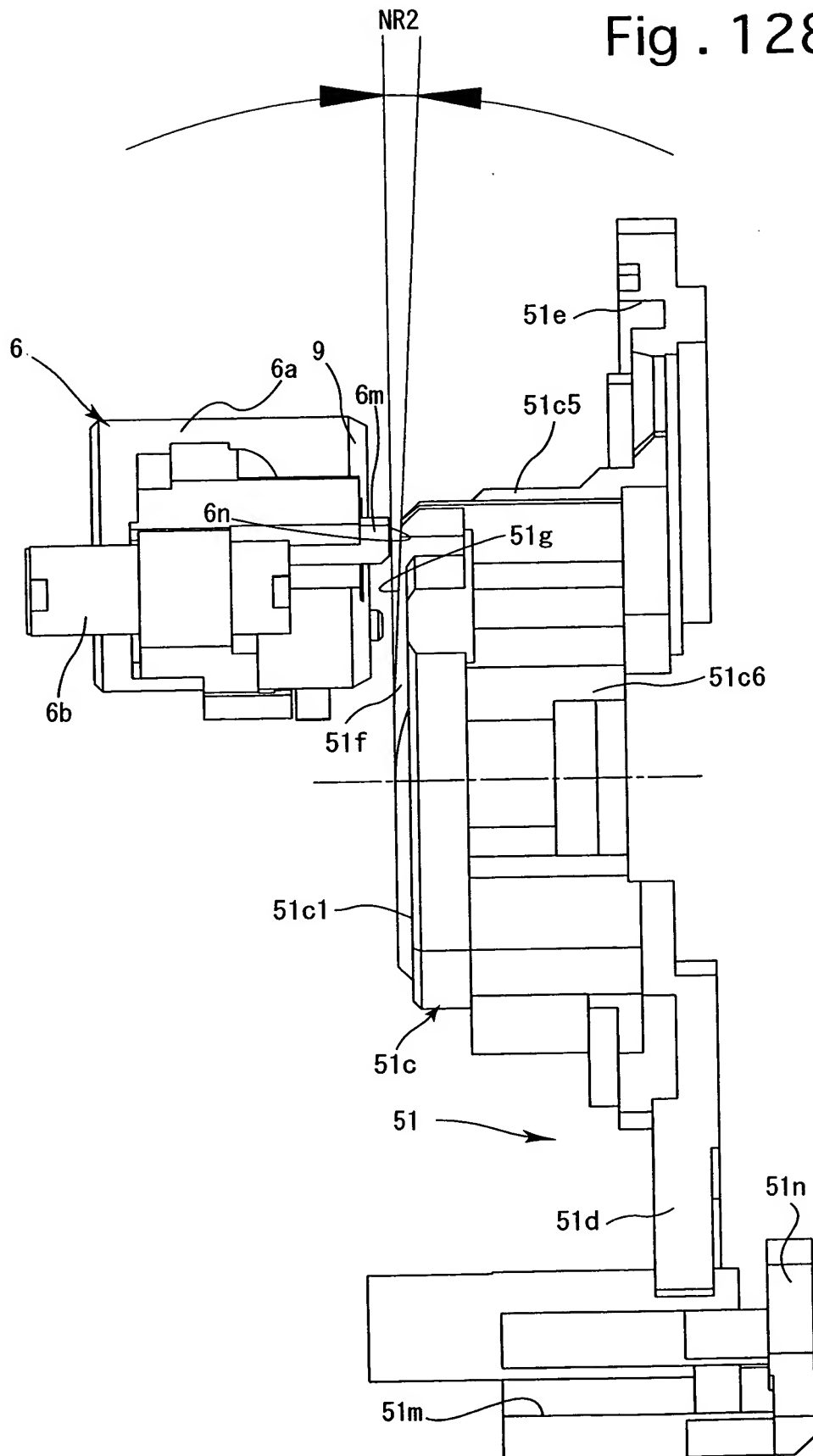


Fig . 129

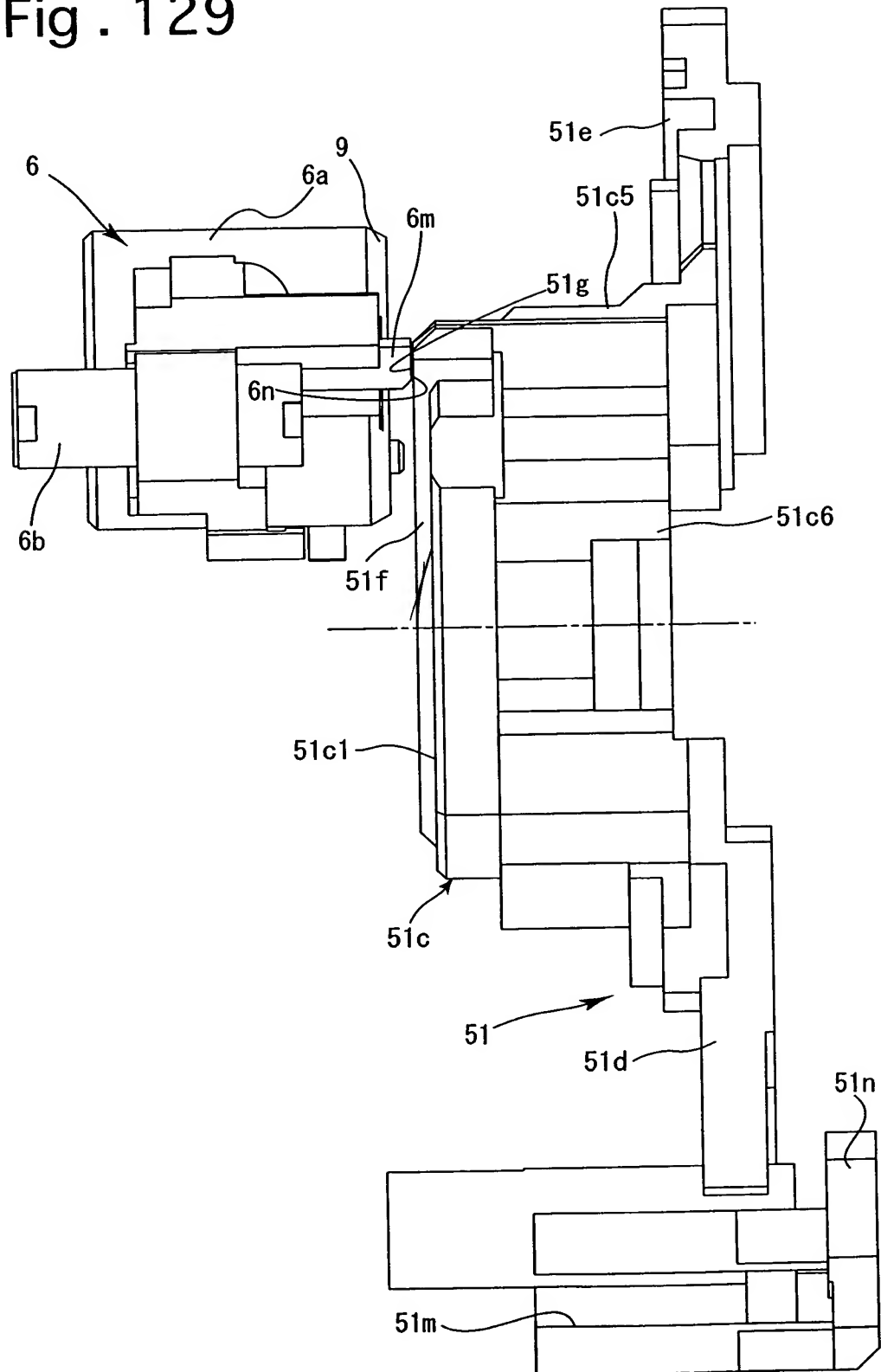


Fig. 131

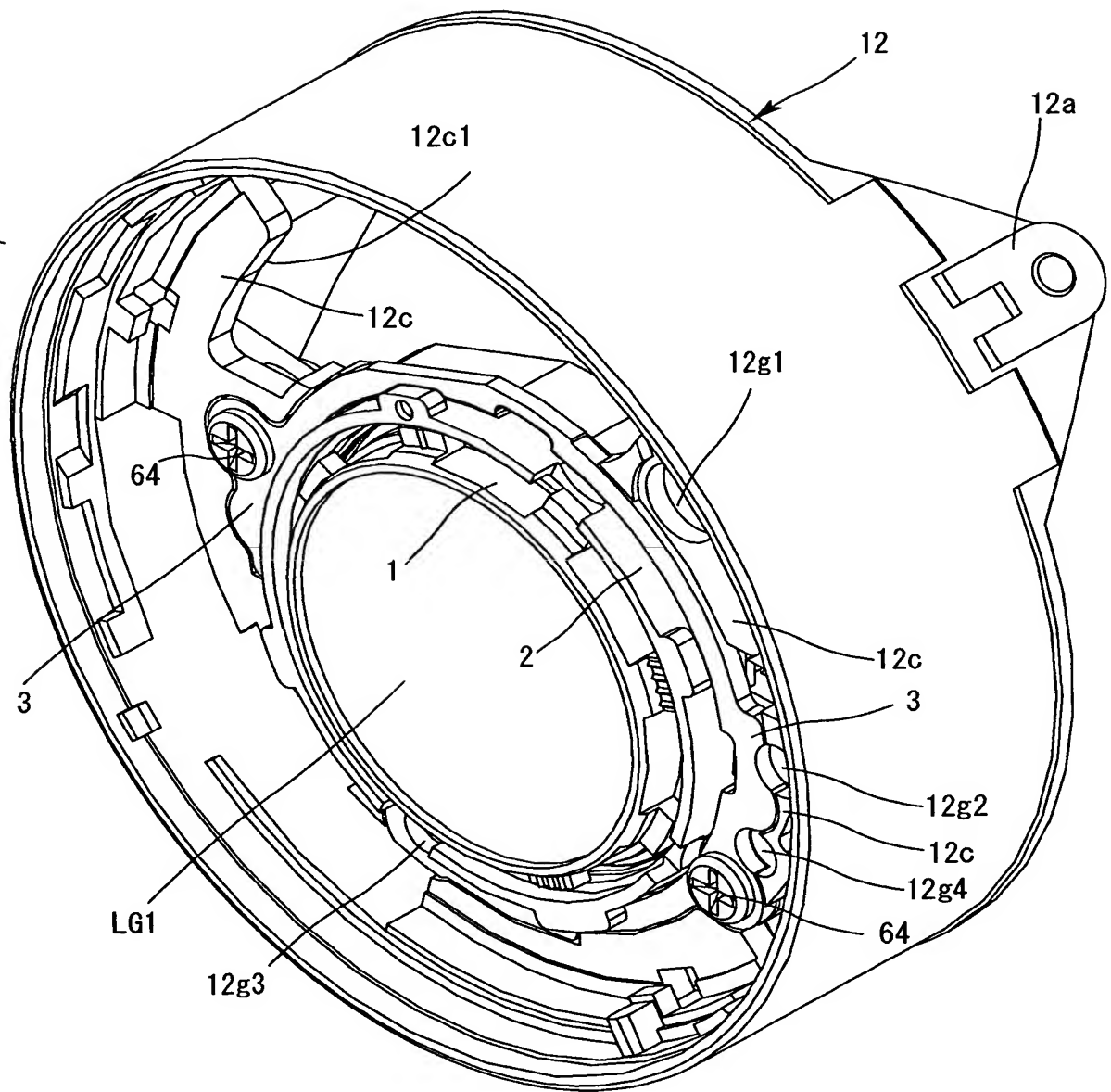


Fig. 132

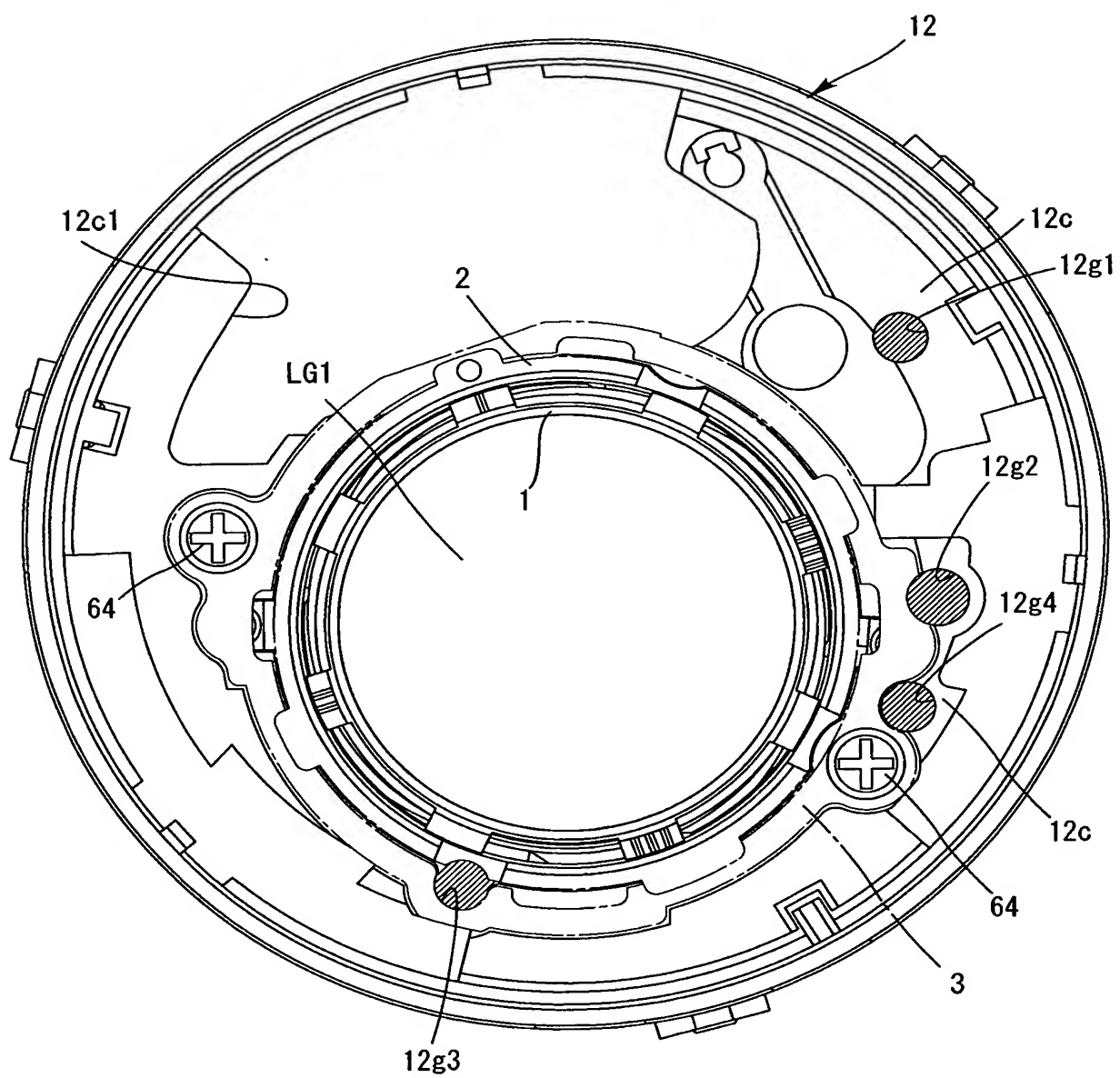


Fig. 133

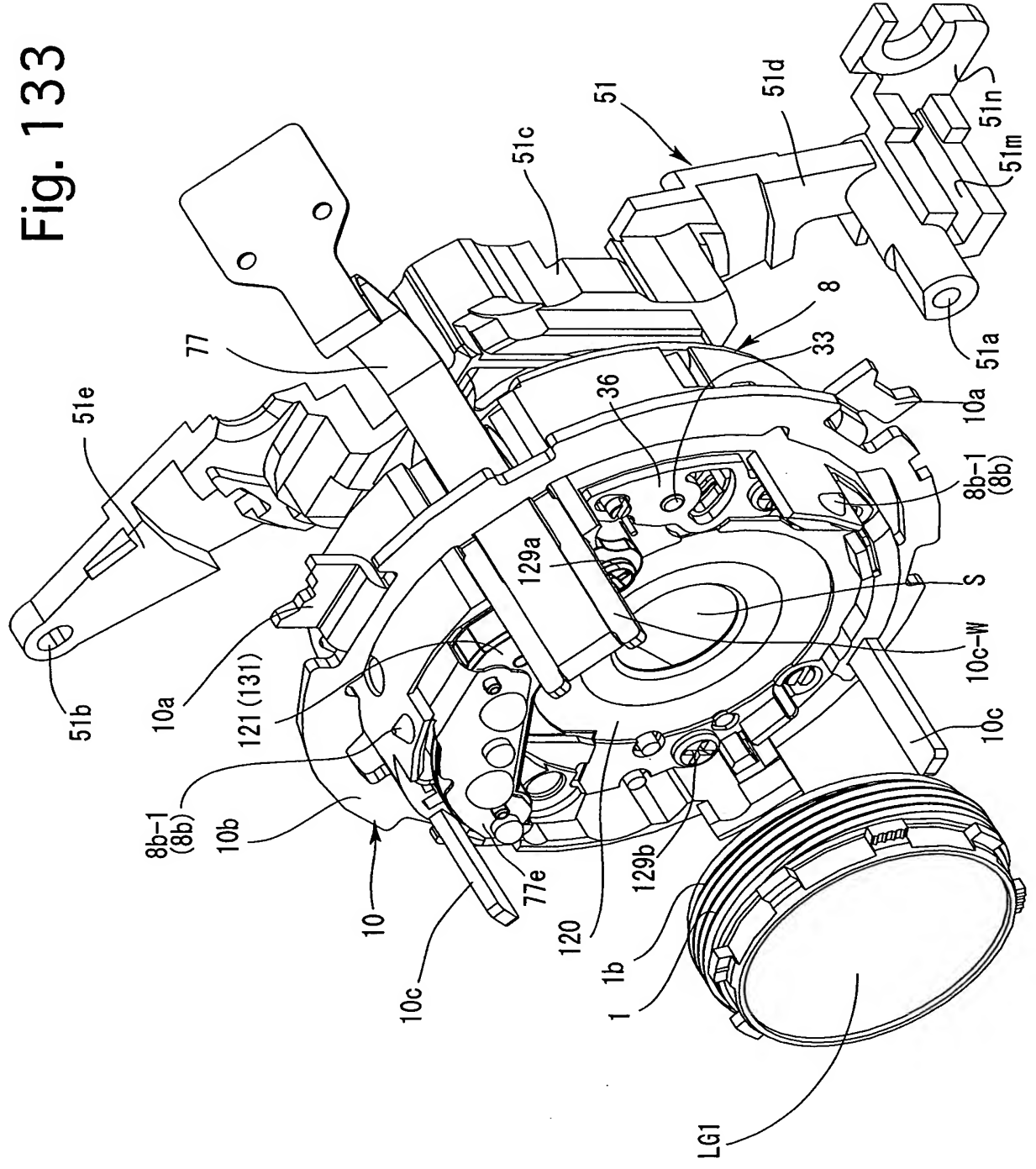


Fig. 134

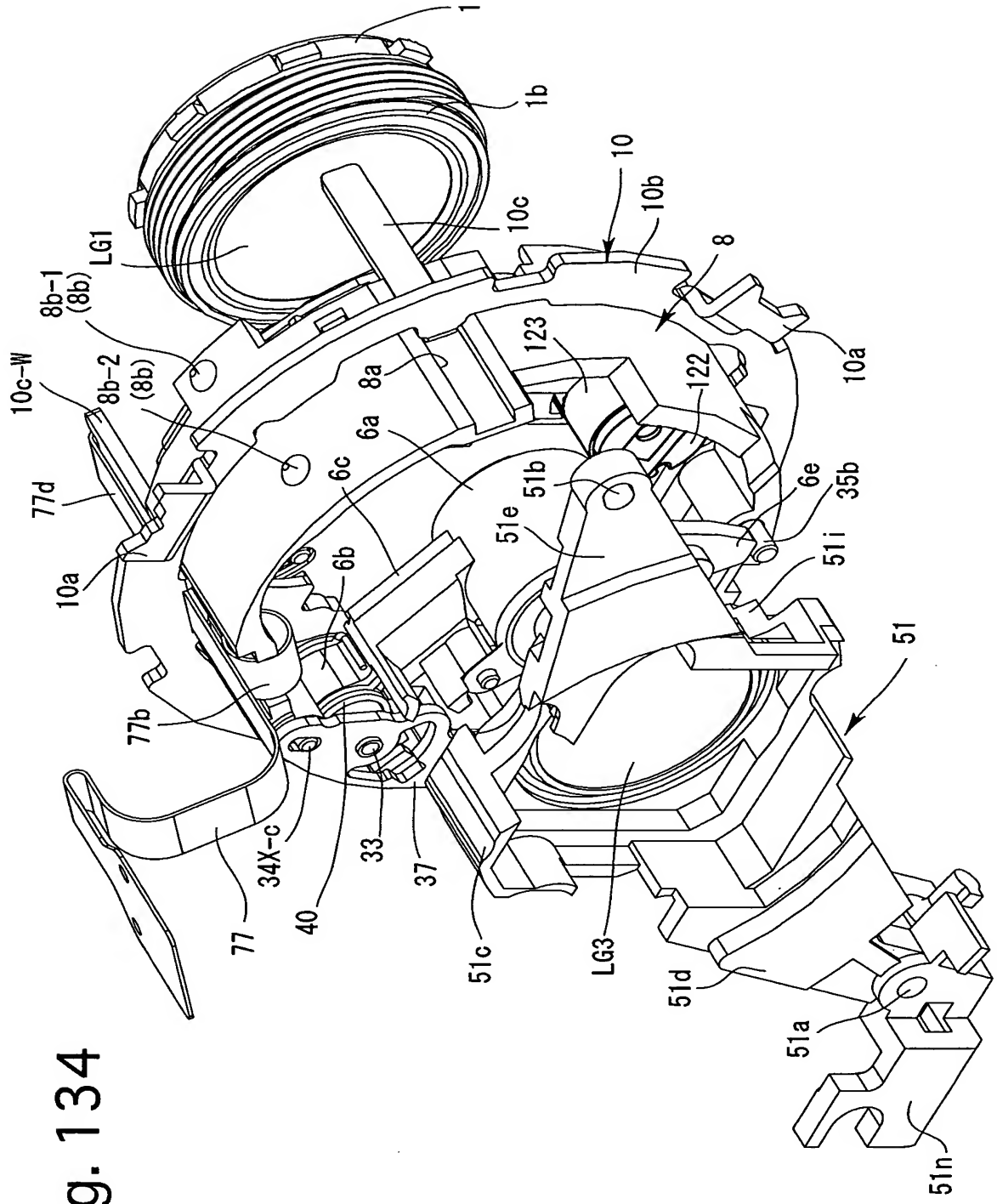


Fig. 135

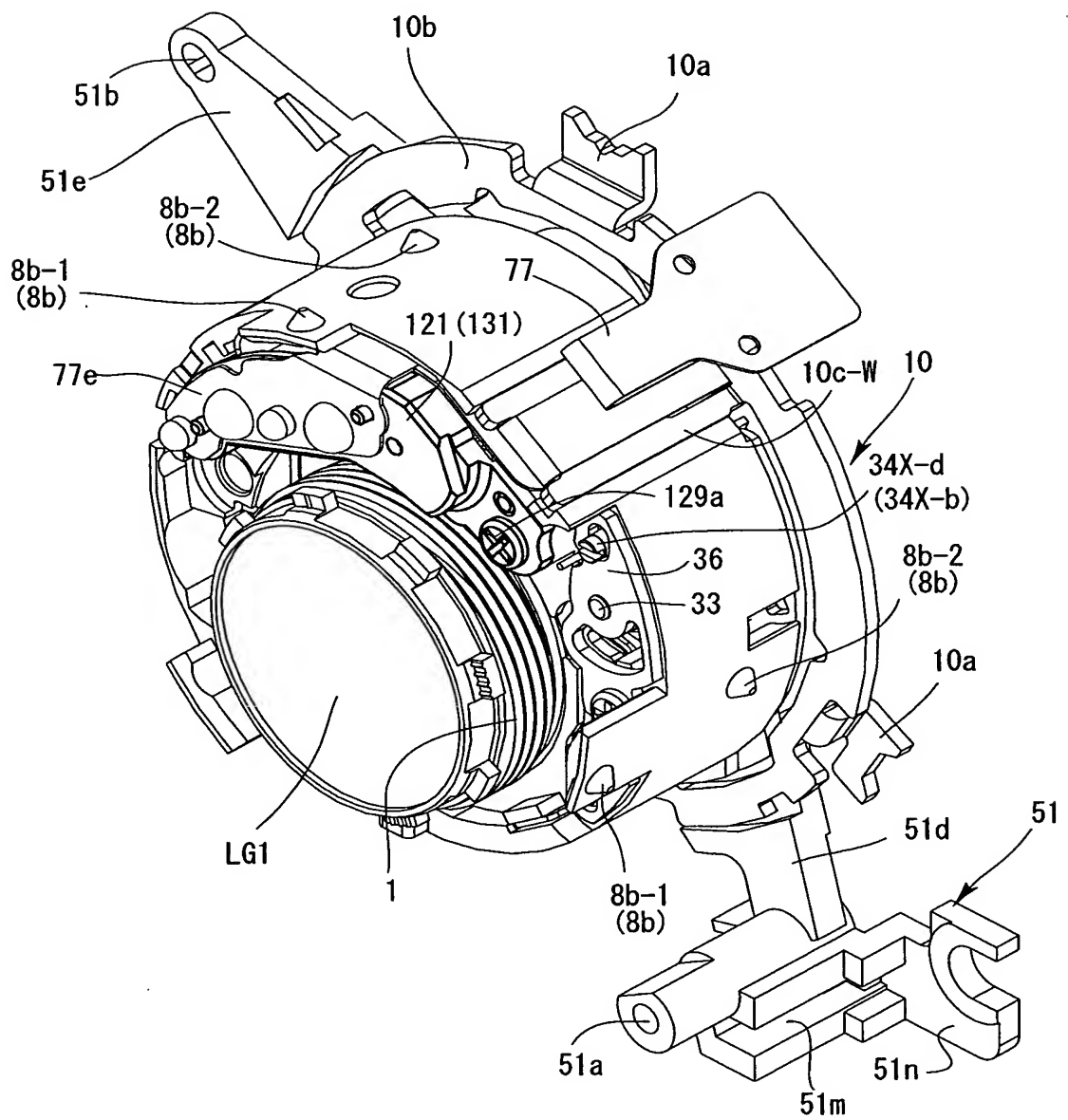


Fig. 136

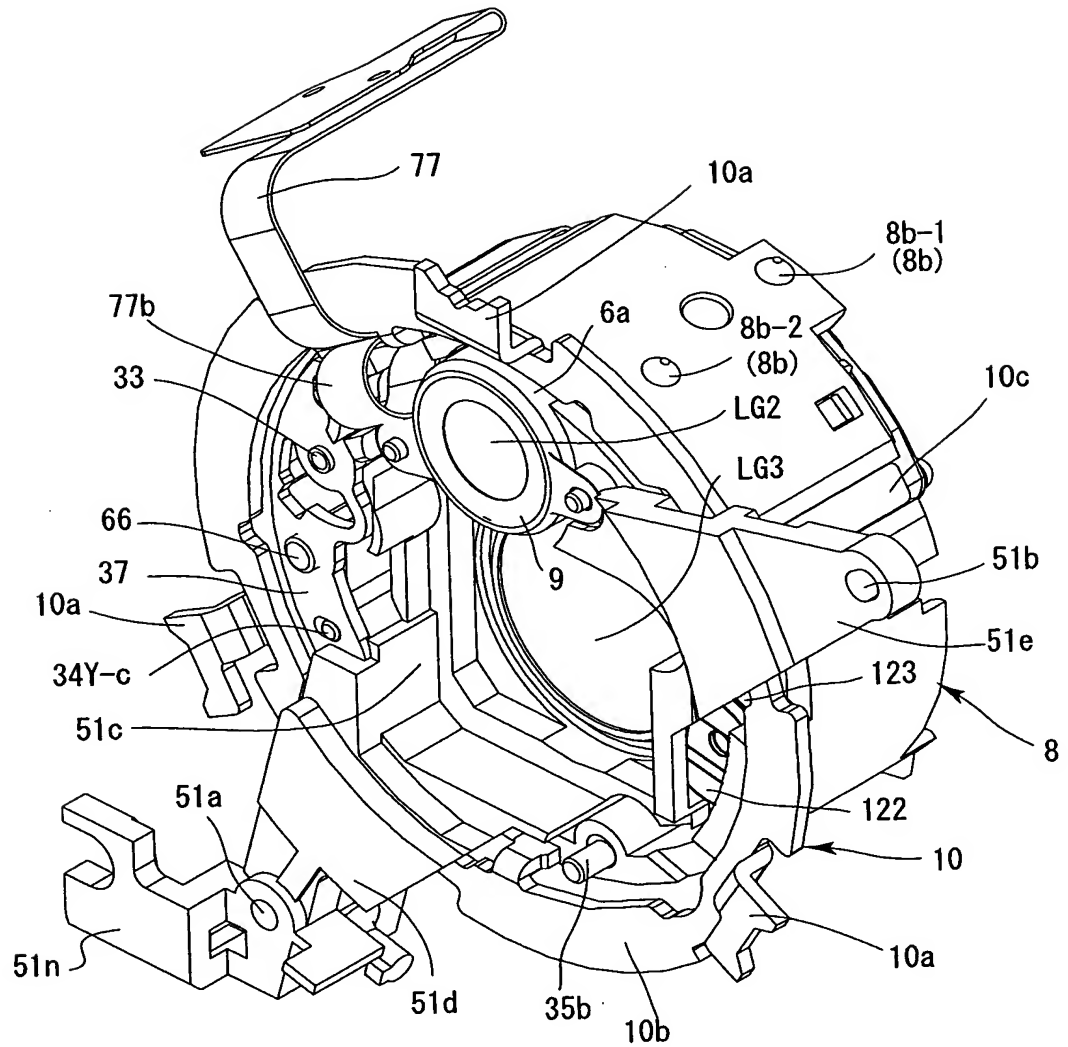


Fig. 138

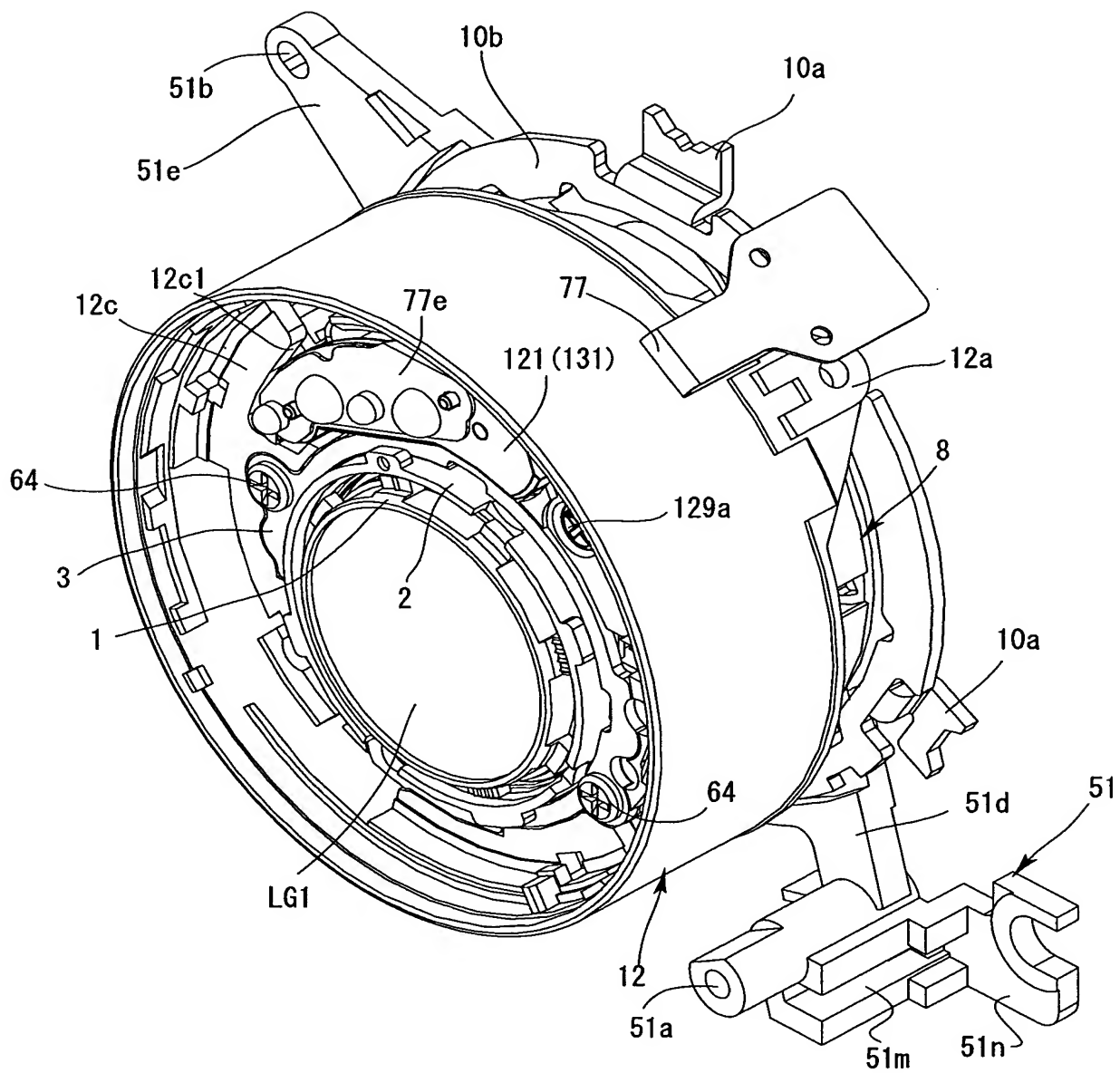


Fig. 139

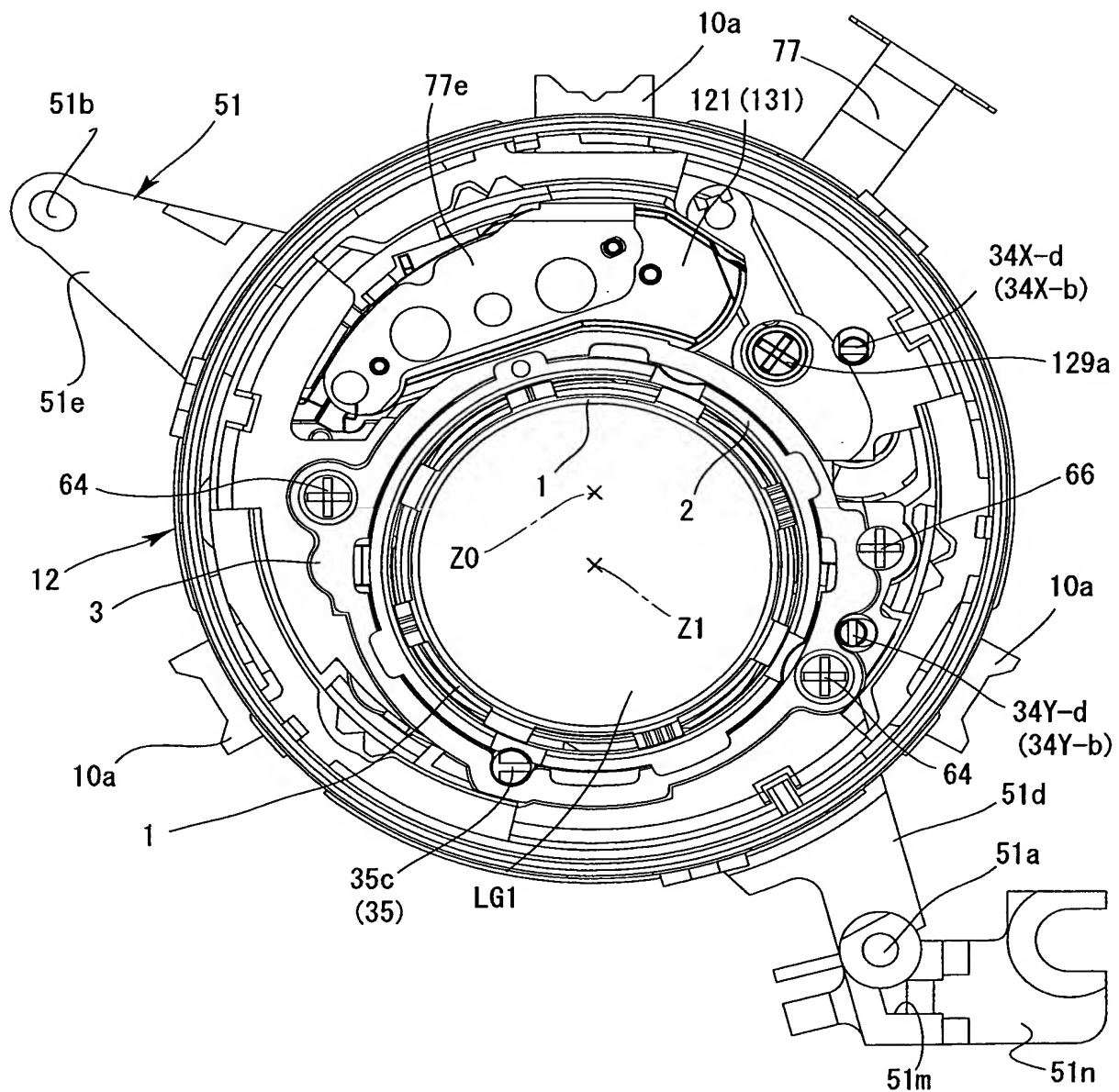
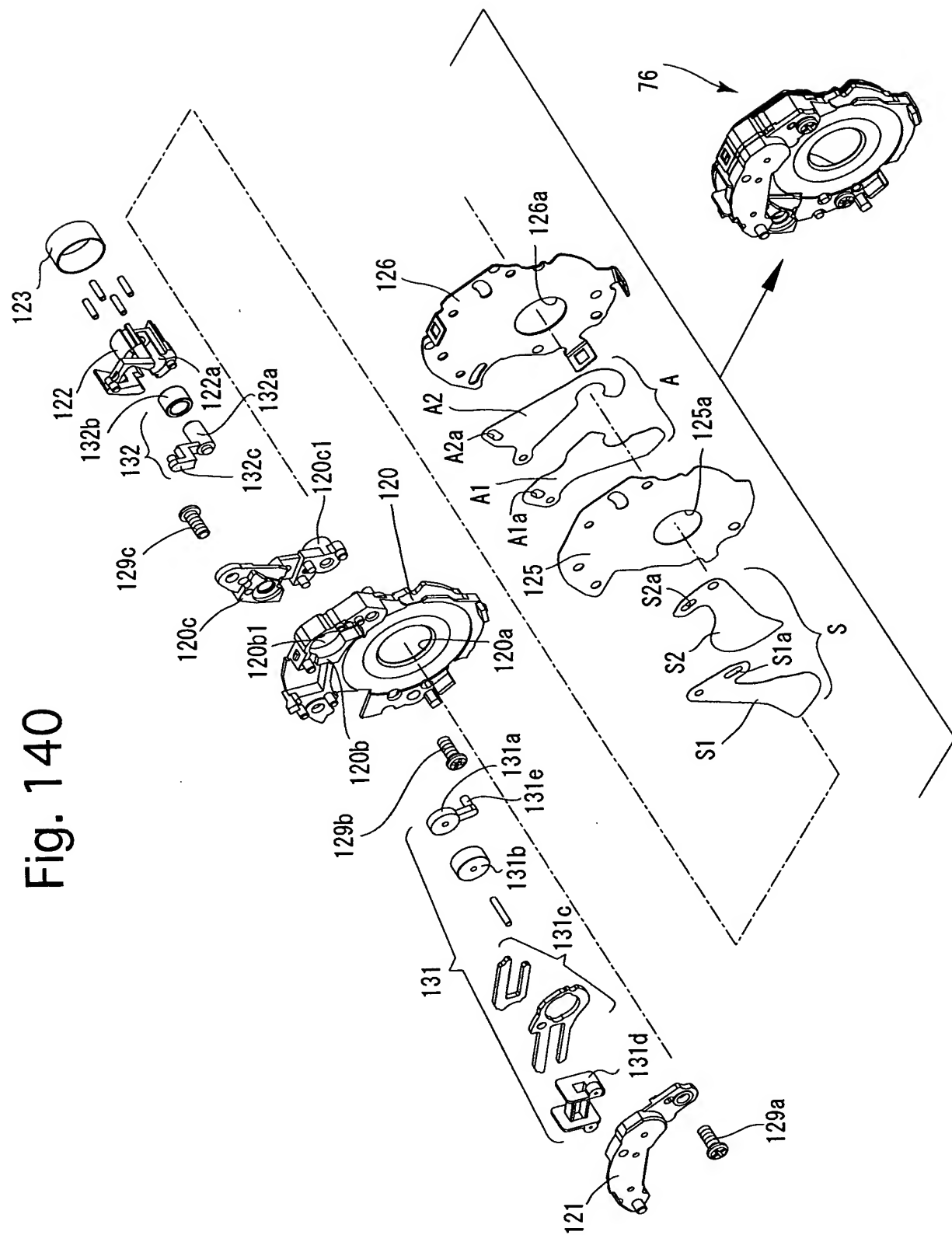


Fig. 140



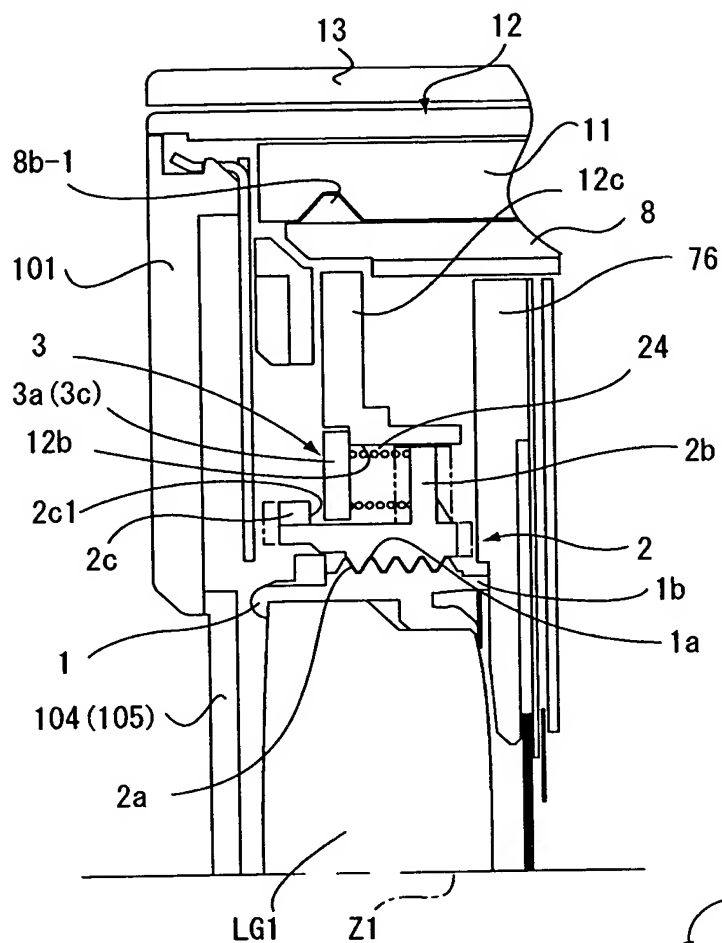


Fig. 142

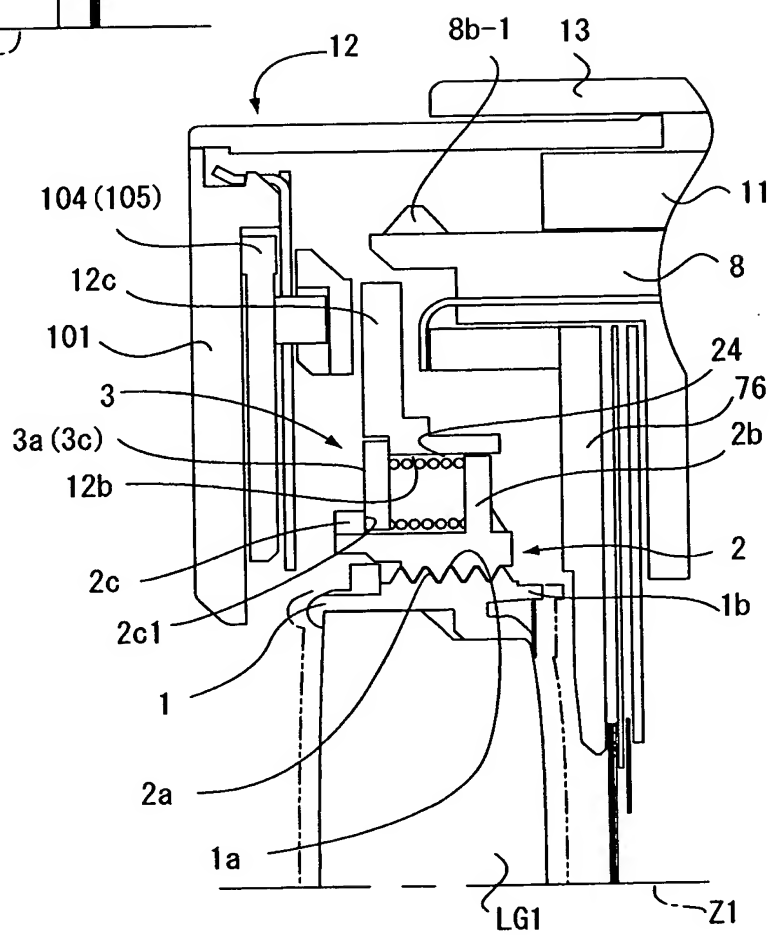


Fig. 141

Fig. 143

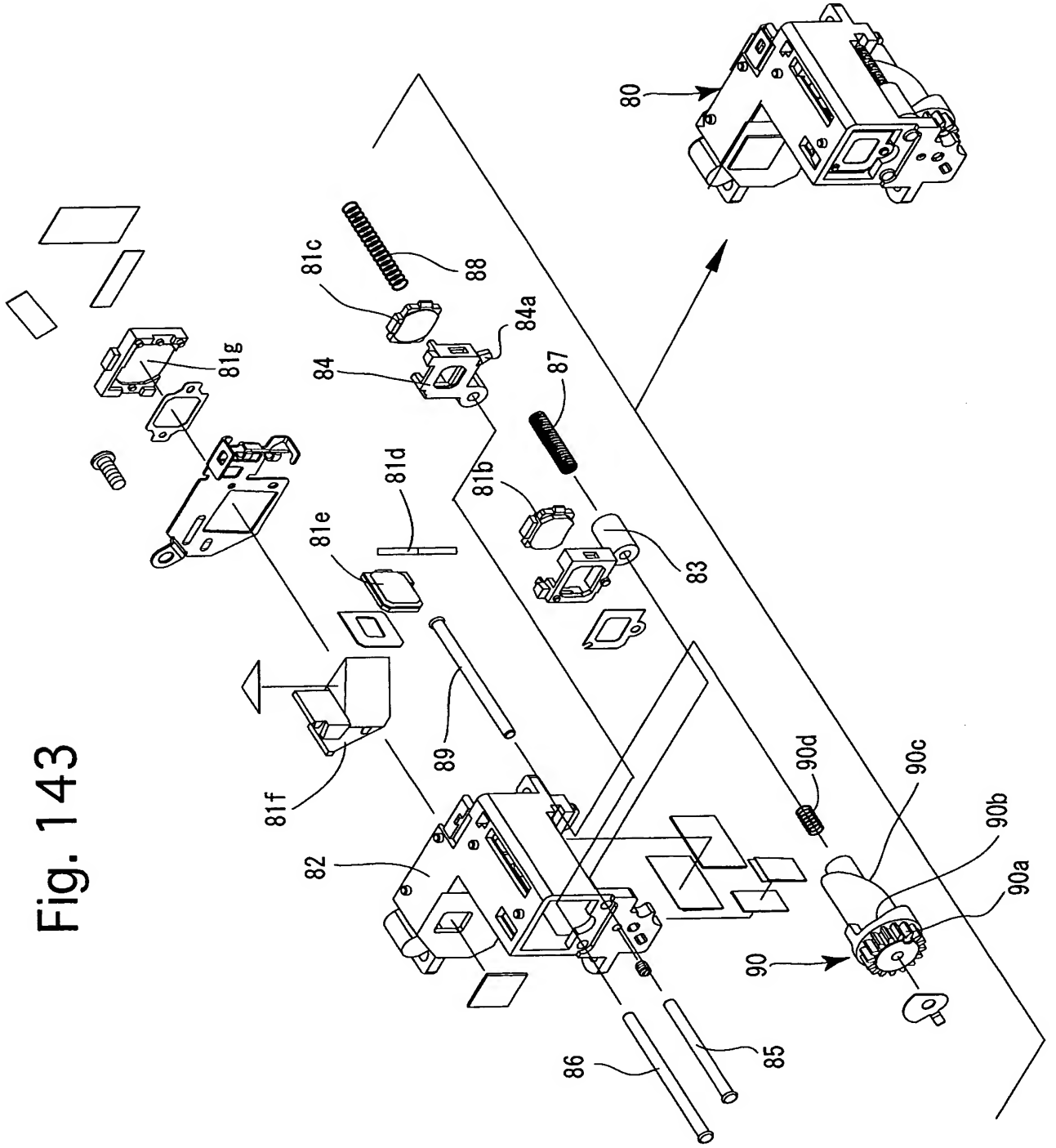


Fig. 144

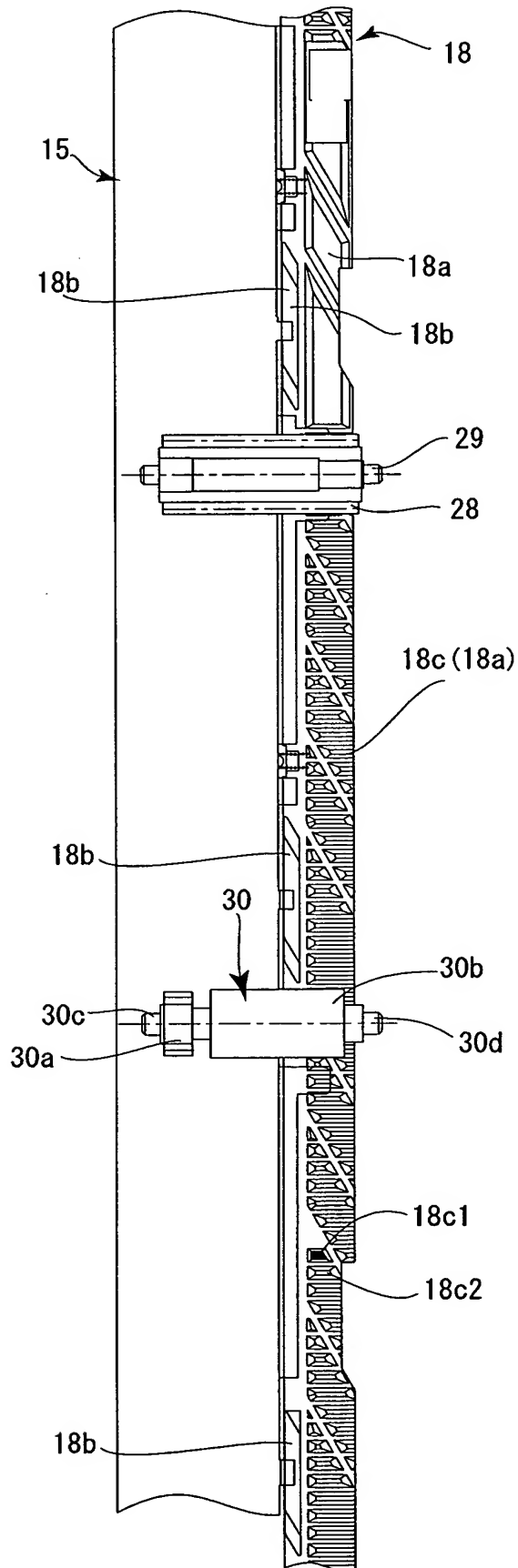


Fig. 145

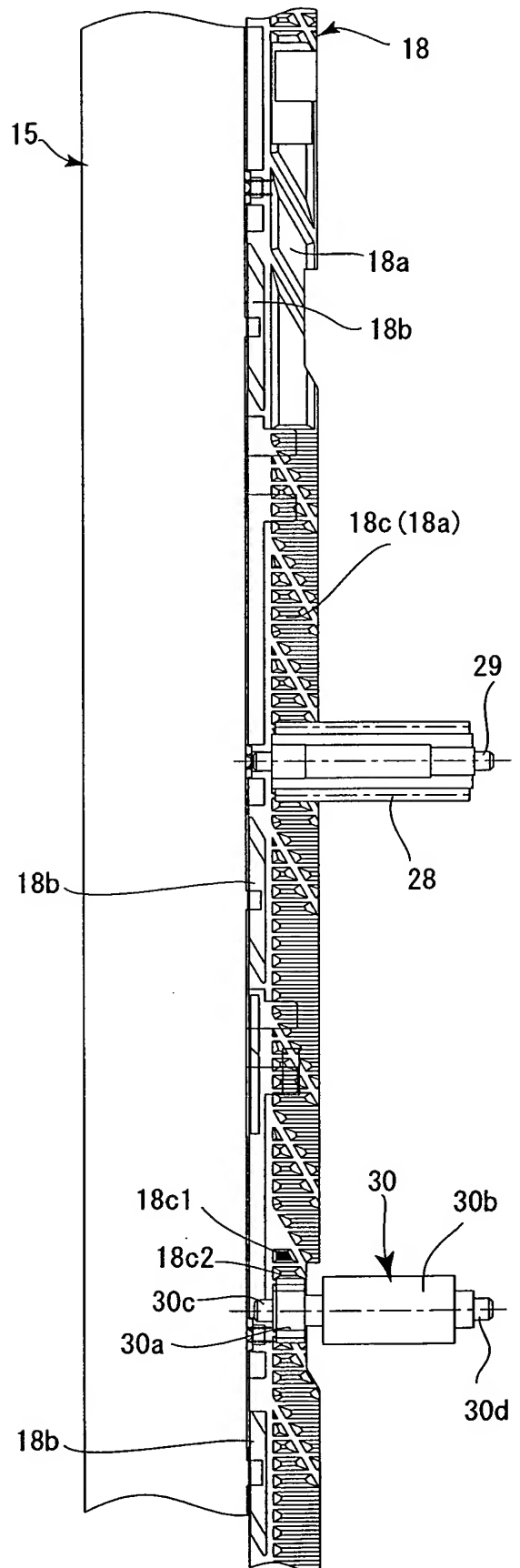


Fig. 146

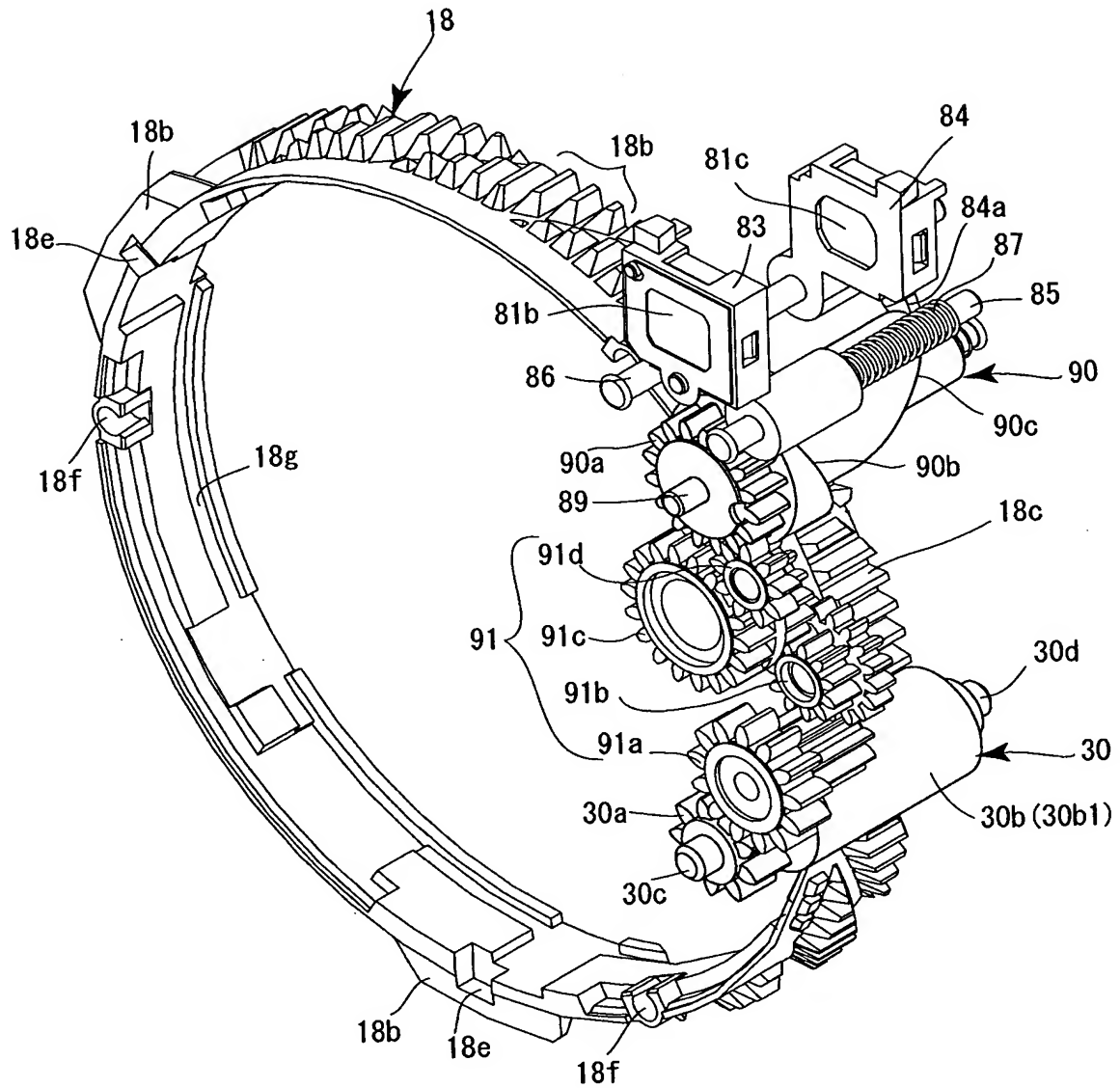


Fig. 148

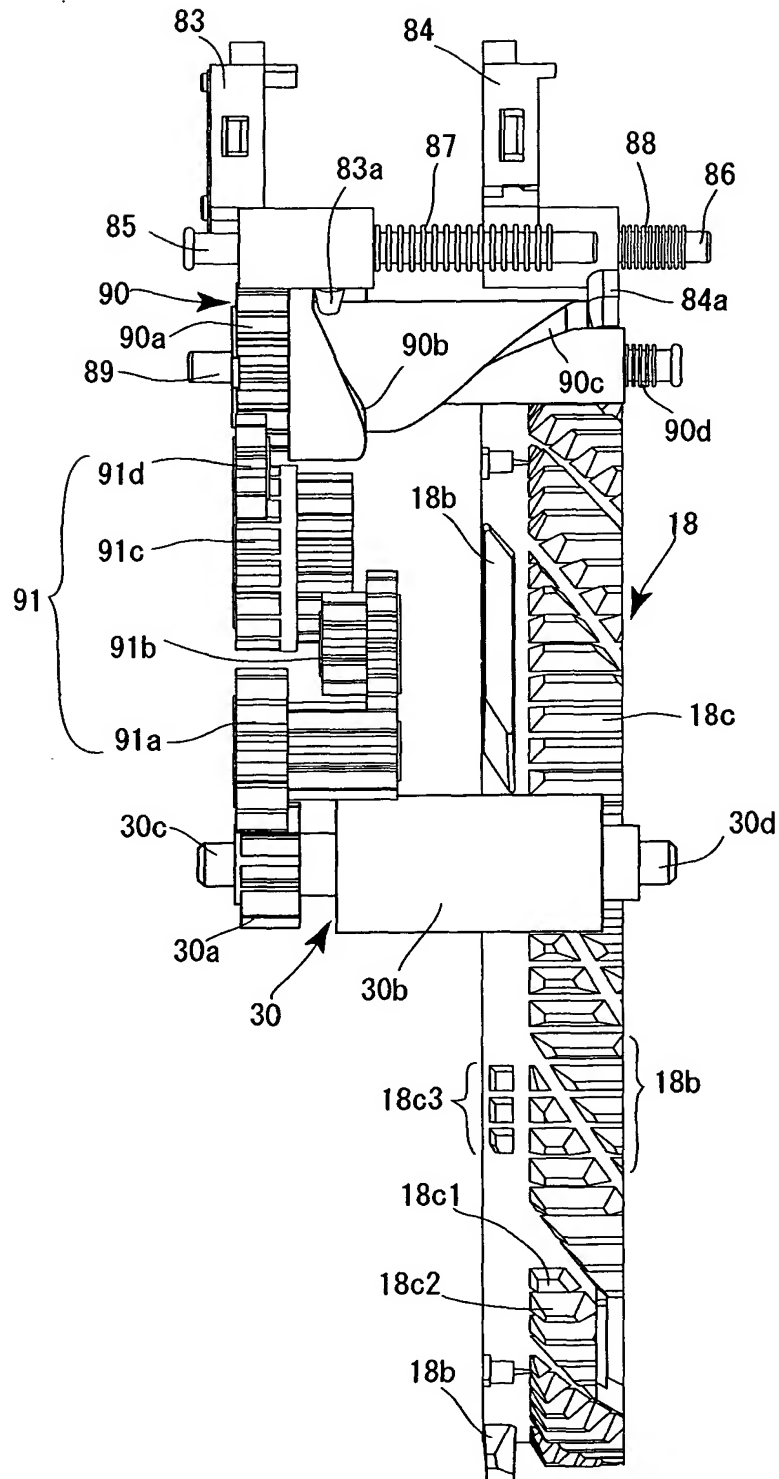


Fig. 149

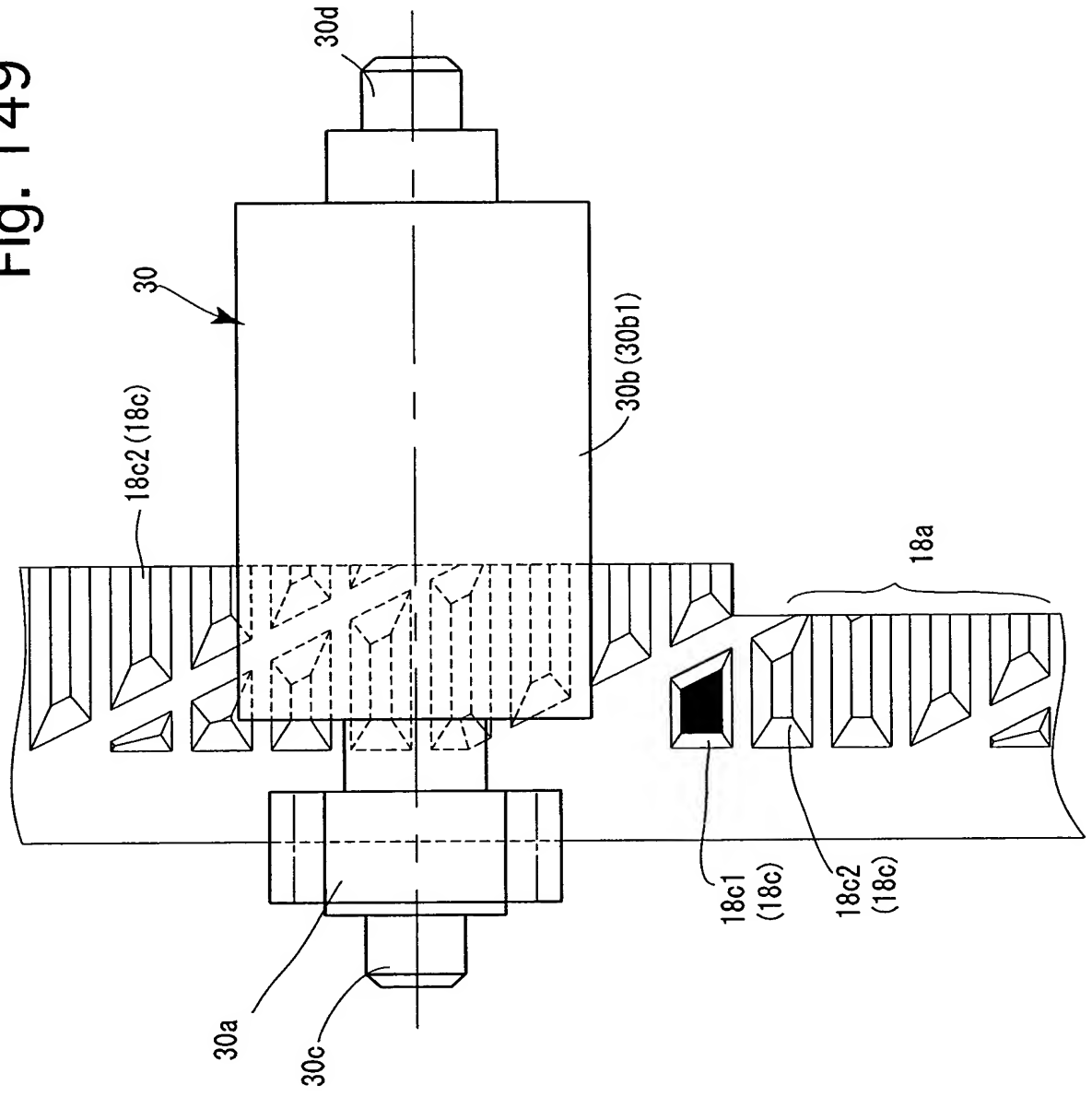
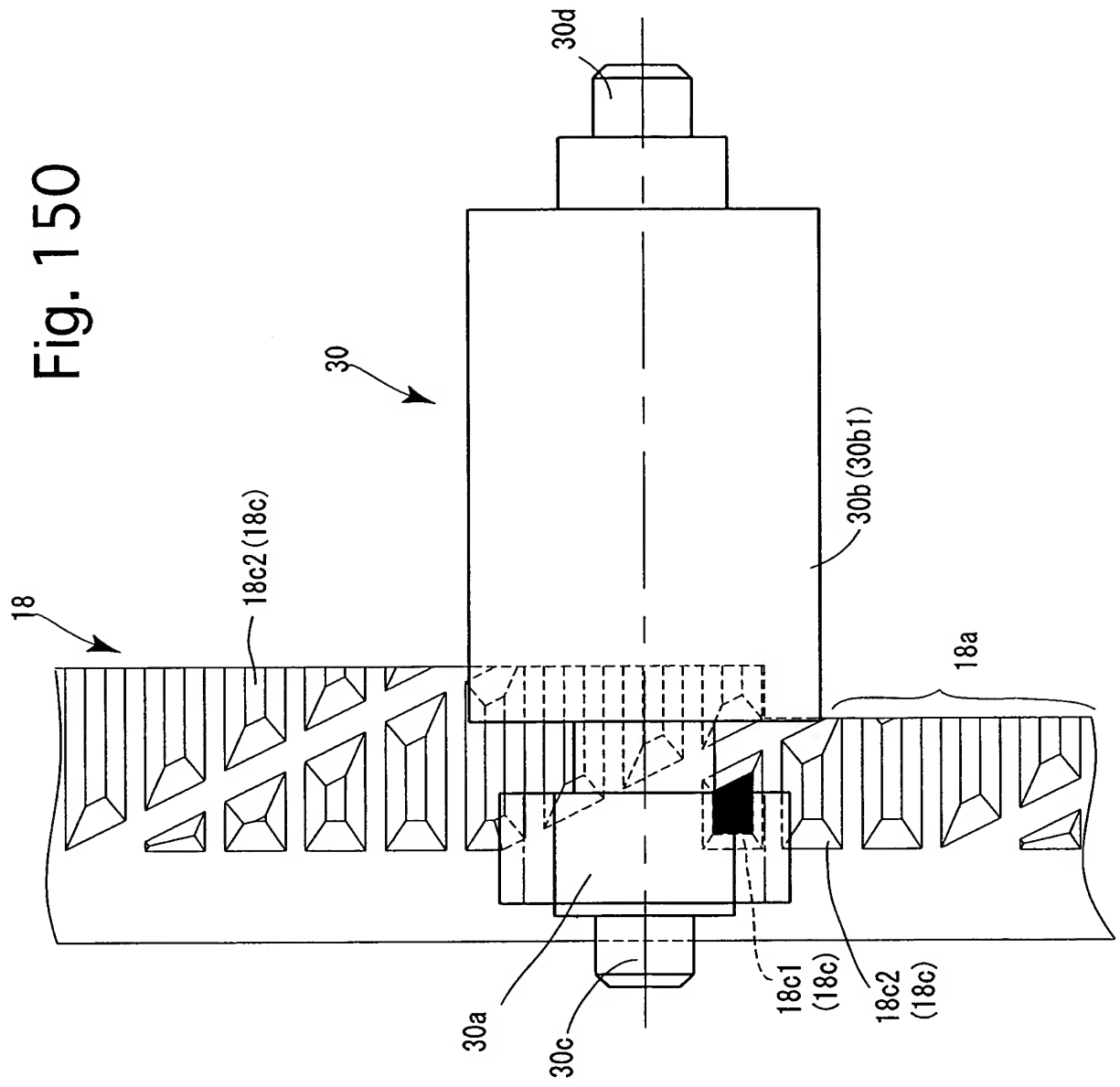


Fig. 150



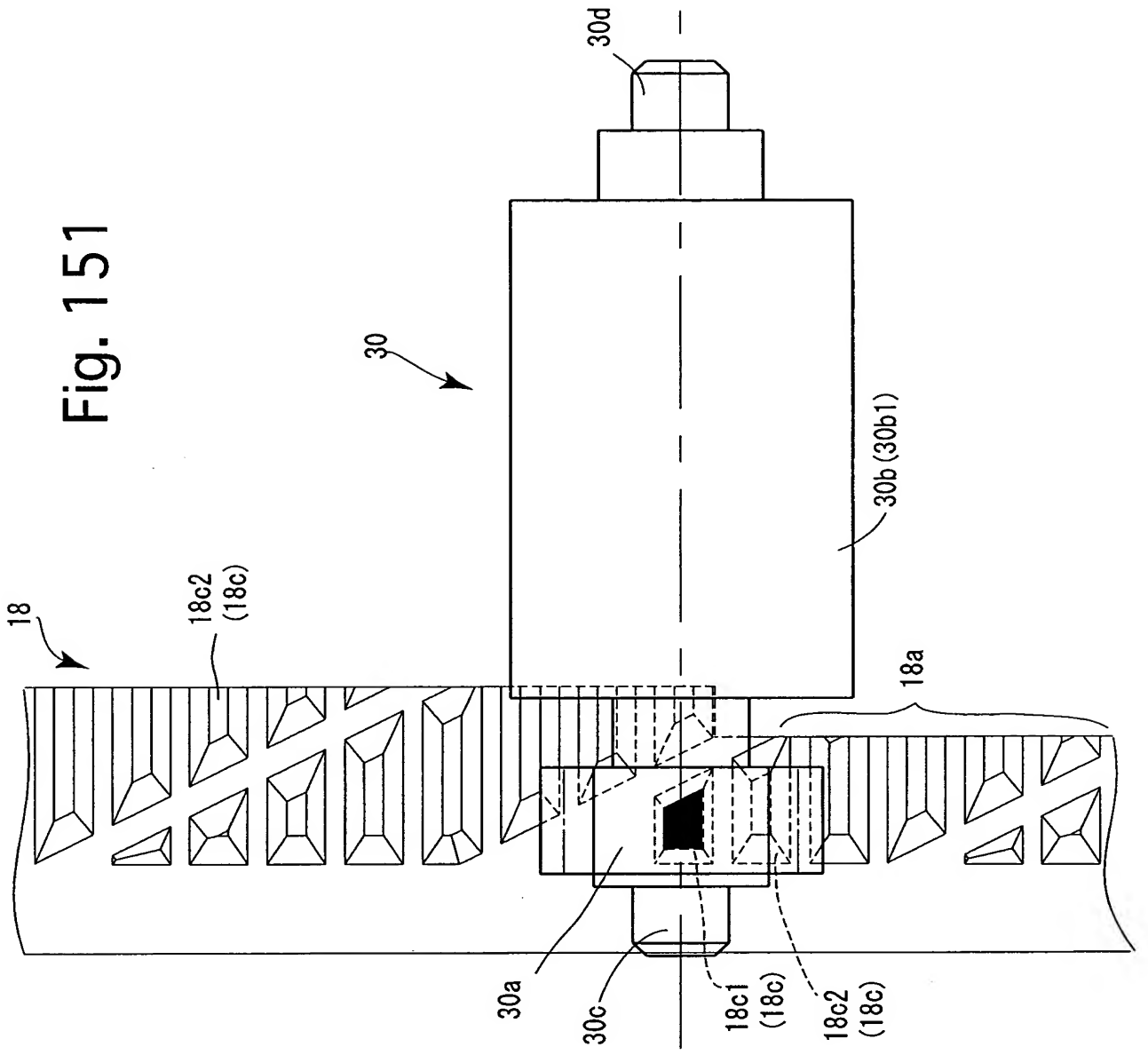


Fig. 152

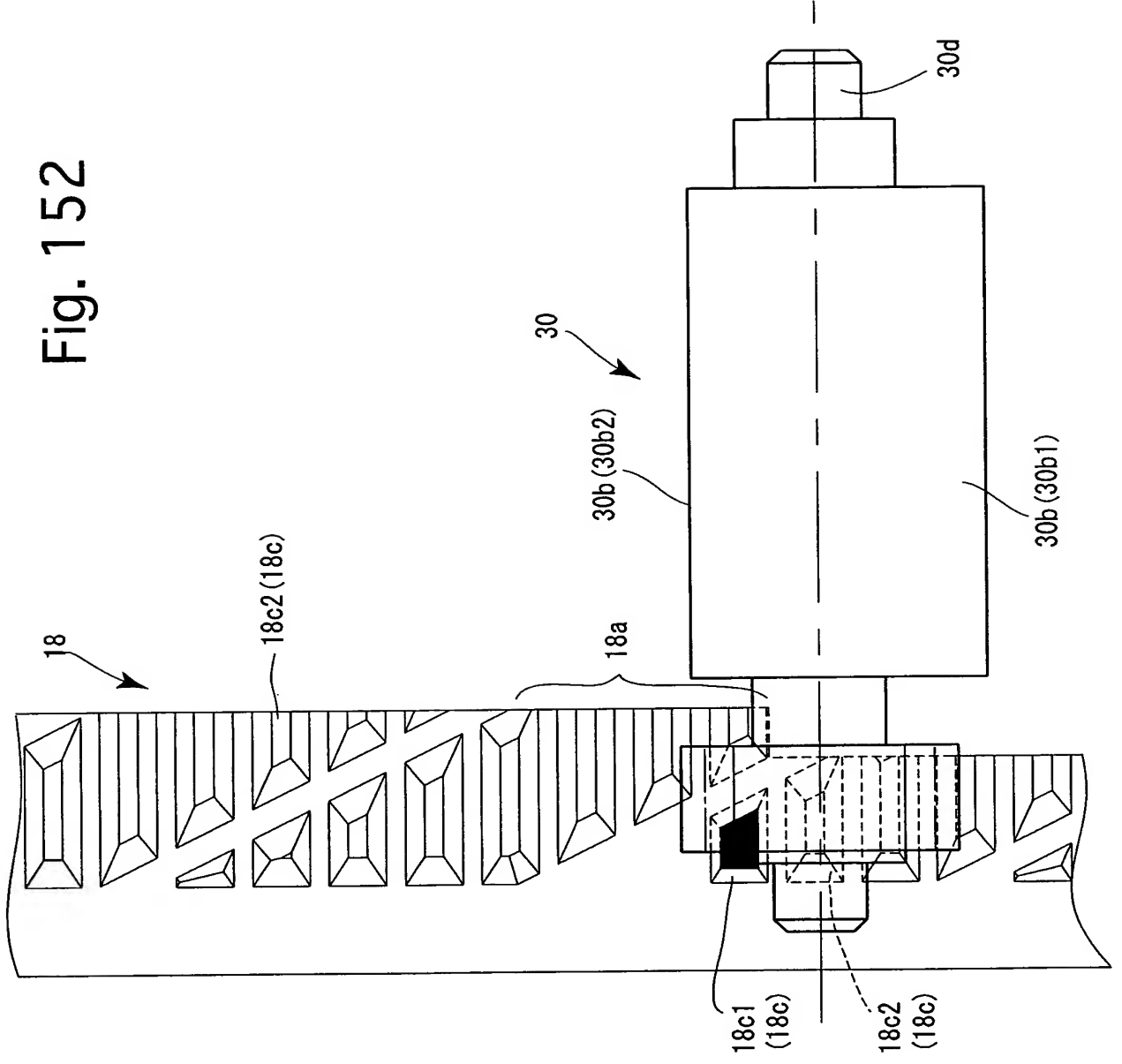


Fig. 153

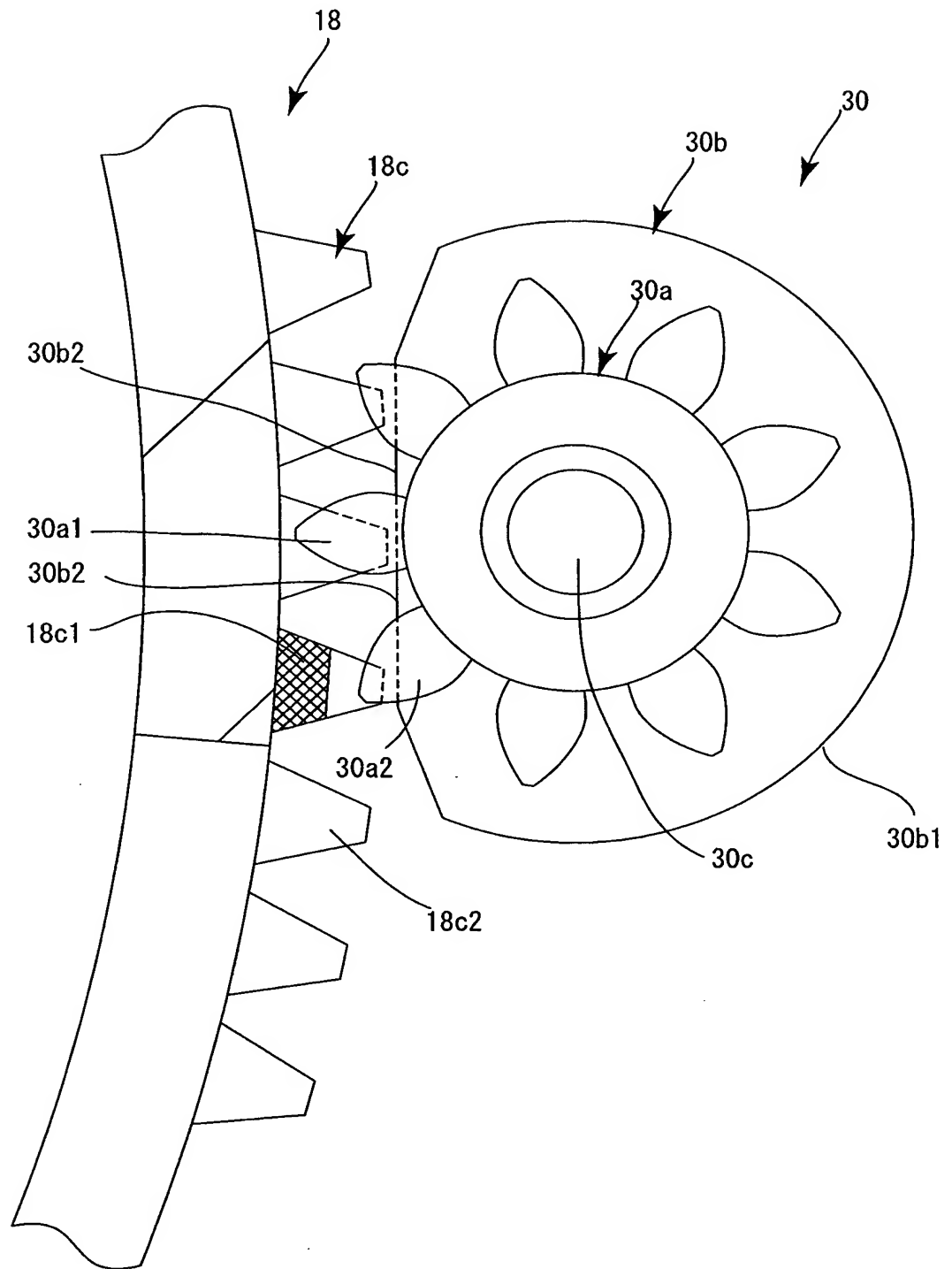


Fig. 154

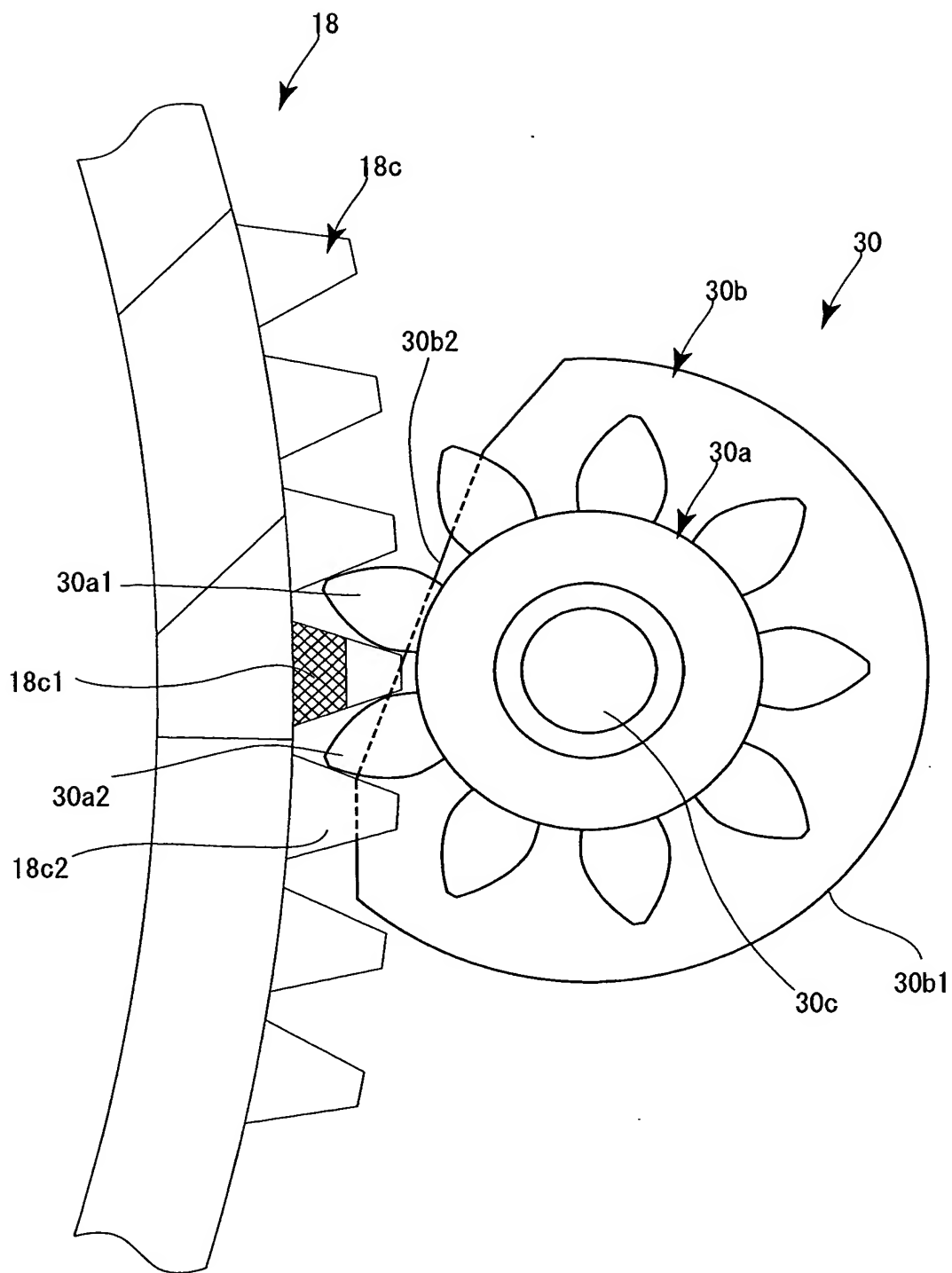


Fig. 155

